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BULLETIN No. 130-65

HYDROLOGIC DATA: 1965

Volume V: SOUTHERN CALIFORNIA

APRIL 1967

RONALD REAGAN
Governor
State of California

WILLIAM R. GIANELLI
Director
Department of Water Resources

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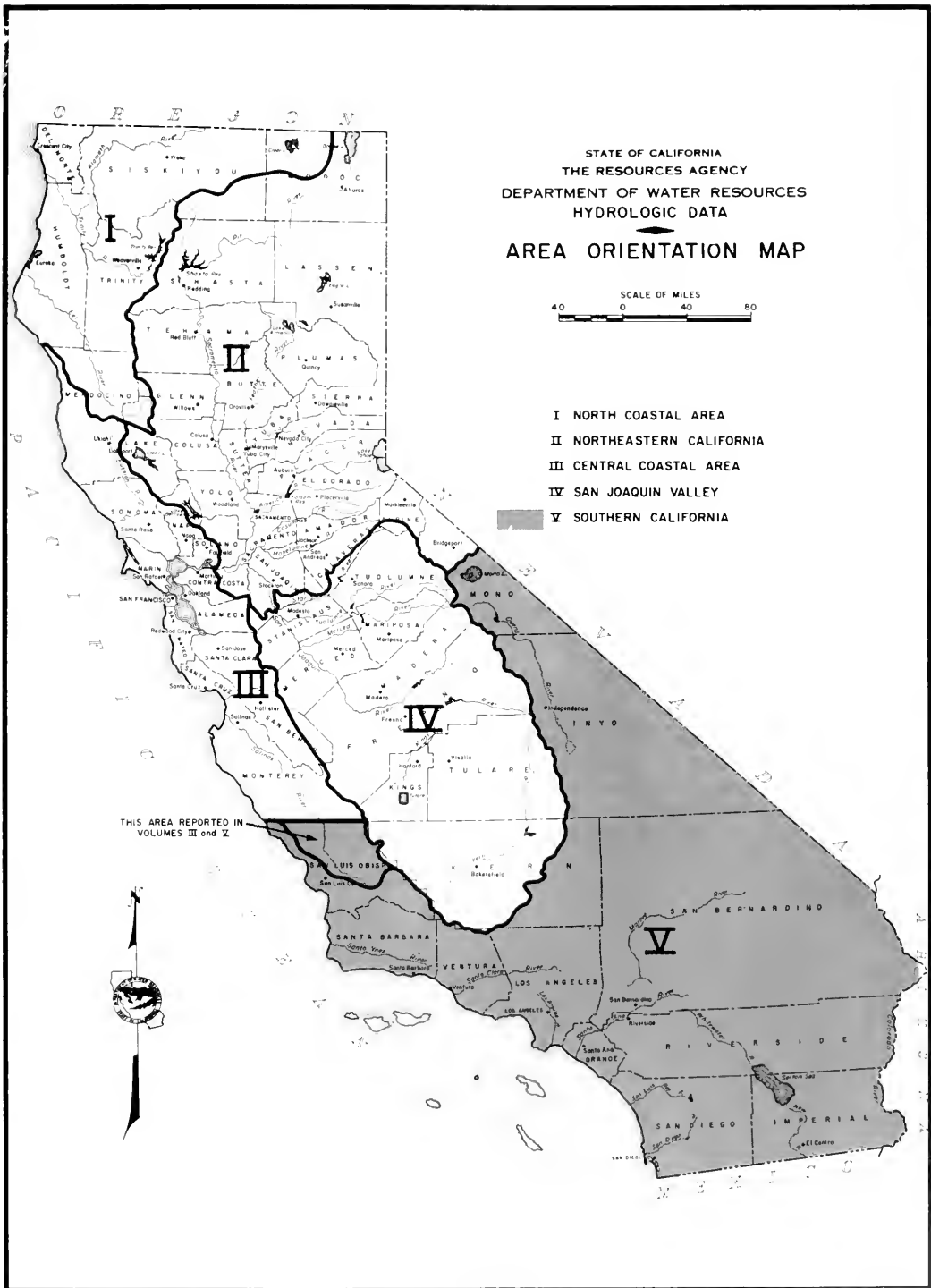
ORGANIZATION OF BULLETIN NO. 130 SERIES

- Volume I - NORTH COASTAL AREA
- Volume II - NORTHEASTERN CALIFORNIA
- Volume III - CENTRAL COASTAL AREA
- Volume IV - SAN JOAQUIN VALLEY
- Volume V - SOUTHERN CALIFORNIA

Each volume consists of the following:

TEXT and

- Appendix A - CLIMATE
- Appendix B - SURFACE WATER FLOW
- Appendix C - GROUND WATER MEASUREMENTS
- Appendix D - SURFACE WATER QUALITY
- Appendix E - GROUND WATER QUALITY



METRIC CONVERSION TABLE

ENGLISH UNIT	EQUIVALENT METRIC UNIT
Inch (in)	2.54 Centimeters
Foot (ft)	0.3048 Meter
Mile (mi)	1.609 Kilometers
Acre	0.405 Hectare
Square mile (sq. mi.)	2.590 Square kilometer
U. S. gallon (gal)	3.785 Liters
Acre foot (acre-ft)	1,233.5 Cubic meters
U. S. gallon per minute (gpm)	0.0631 Liters per second
Cubic feet per second (cfs)	1.7 Cubic meters per minute

FOREWORD

The Bulletin No. 130 series of reports is an integral part of the basic data program of the Department. This program has been designed to supplement the activities of other agencies by collecting data not available elsewhere and by publishing hydrologic data in a single series of publications.

This series of reports contains data on climate, surface water, and ground water previously published annually in Bulletins Nos. 23, 39, 65, 66, and 77. The series will be published annually in five volumes, each volume to report hydrologic data for one of five specific reporting areas of the State.

The collection and publication of data in this report are authorized by Sections 225, 226, 228, and 229 of the Water Code of the State of California.

William R. Gianelli
William R. Gianelli, Director
Department of Water Resources
The Resources Agency
State of California
February 8, 1967



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- City of Long Beach
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- Orange County Flood Control District
- Riverside County Flood Control and Water Conservation District
- San Bernardino County Flood Control District
- San Bernardino Valley Water Conservation District
- San Luis Obispo County Flood Control and Water Conservation District
- The Metropolitan Water District of Southern California
- United States Army Corps of Engineers
- United States Geological Survey
- United States Weather Bureau
- Ventura County Flood Control District

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ABSTRACT

Report contains data on precipitation, runoff, reservoir storage, and water imported to Southern California for the 1964-65 water year. Foldout plates show drainage province boundaries, location of hydrologic areas within the drainage province, and lines of equal seasonal and mean precipitation.

INTRODUCTION

The Department of Water Resources is concerned with the orderly development, use, and protection of California's water resources. These resources must, therefore, be measured and monitored regularly, and the results made public. The objective of the hydrologic data program of the Department is to supplement the data activities of other agencies so as to fulfill the specific needs of the Department and the State.

This report contains data obtained by the Department and its cooperators for only the 1965 reporting year. Persons desiring additional information for previous years should contact the Department.

A summary of the hydrologic data programs in Southern California is shown in Table 1.

Climate

The objectives of the climate program are to provide sufficient historical records of the climate to plan water development projects to meet the social, economic, and physical needs of the people of California; to record the occurrence of climatic factors quantitatively with time and location; and to report the historical record annually.

Data concerning duration, frequency, and intensity of precipitation over an entire drainage area are required in the planning and designing of flood control facilities, spillways, canals, culverts, and local drainage systems. In addition, historical information must also be available in order to evaluate the seasonal and cyclic occurrence of the

TABLE 1
SUMMARY OF HYDROLOGIC DATA PROGRAMS
IN SOUTHERN CALIFORNIA

Program	Origin	Authorization	Type collected	Data collected by	Frequency of reported data	Number of stations reported
Climate	1921	Sec. 220 of Water Code	Precipitation	Cooperators	Monthly	760
				USWB	Monthly	195
Surface water measurement	1921	Secs. 225, 226 of Water Code	Streamflow	DWR	Daily	5
				Cooperators	Annually	17
			Diversions	Cooperators	Annually	5
			Importations	Cooperators	Annually	2
			Reservoir content	Cooperators	Monthly	31
Ground water measurement	1921	Secs. 225, 226 of Water Code	Depth to ground water	DWR	Semiannually	750
				Cooperators	Weekly	250
					Every other week	390
					Monthly	3390
					Quarterly	960
					Semiannually	600
		Annually	1120			
Surface water quality	1951	Sec. 229 of Water Code	Complete mineral	DWR	Monthly	25
				Cooperators	Every other month	19
				Cooperators	Semiannually	5
				Cooperators	Monthly	5
			Trace elements	DWR	Semiannually	17
				DWR	Monthly	25
			Bacteriological	DWR	Every other month	19
				Cooperators	Semiannually	5
				Cooperators	Monthly	2
			Radiological	DWR	Semiannually	49
Cooperators	Weekly	1				
Cooperators	Monthly	2				
Ground water quality	1953	Sec. 229 of Water Code	Complete mineral	DWR	Annually and at unscheduled intervals	1100
				Cooperators	Annually and at unscheduled intervals	1000
			Radiological	DWR	Annually	50

precipitation for the proper sizing of water supply facilities. Climatological data are also needed for the optimum operation of water supply, flood control, recreational, and hydroelectric facilities.

Daily precipitation records for the 1965 water year were collected from all known active stations in Southern California. In the past, only annual precipitation records for selected stations were collected and published, but because of the increasing needs of the Department, daily records are now collected. Monthly totals of precipitation data gathered by the Department are published in Appendix A, which is bound with this book.

Surface Water Measurements

The objective of the surface water measurement program is to provide sufficient historical records of surface water to plan water development projects to meet the social, economic, and physical needs of the people of California.

Surface water measurements of streamflow, stage, and diversions are needed for planning, designing, and operating water supply, flood control, recreational, and hydroelectric facilities.

For the most part, the objective is met through measurement programs operated by the U. S. Geological Survey, some of which are cooperative with the Department, and by measurement programs of local agencies. Streamflow data collection by the Department in Southern California is limited to stream-gaging stations in the vicinity of the State Water Project on Castaic Creek, Elizabeth Lake Canyon Creek, and the West Fork of the Mojave River and its tributaries.

No significant changes were made in the program during the 1965 water year. Among the data collected are information on flow from selected streams, water stored in reservoirs, water diverted from the Colorado River for use in California, and importation of water to coastal Southern California. These data are presented in Appendix B, which is bound in this book.

Ground Water Measurements

The objectives of the ground water measurement program are to provide a general knowledge of the ground water resources of the State and to provide data for the planning and development of the ground water resources. To attain these objectives in Southern California, the Department acts as the coordinating and central compilation agency while encouraging local agencies to perform the field measurements.

Because ground water is the major source of supply beneficially used in Southern California, ground water levels are essential for all studies of this resource.

No significant changes were made in the program during the 1965 reporting year. By cooperation with other agencies, the Department collected all available data on ground water levels. These data are presented in Appendix C, which is bound separately.

Surface Water Quality

The objectives of the surface water quality program are to determine the quality of the State's surface waters through a network of sampling stations representative of all significant streams and lakes in

the State, to detect changes in quality and alert control agencies when adverse changes are noted, to determine trends in surface water quality, to record and catalogue the data in a readily available form, and to disseminate the data and information gathered to interested agencies.

The chemical, bacteriological, and radiological data collected under this program are essential to various programs of water quality protection or control and are indispensable to the formulation of plans for the coordinated operation of surface and underground storage.

No significant changes were made in the program during the 1965 water year. Data are presented in Appendix D which is bound separately.

Ground Water Quality

The objective of the ground water quality data program is to provide meaningful, reliable, and representative information to define the quality conditions of ground water bodies in reference to occurrence, movement patterns, and change of conditions.

The chemical and radiological data collected under this surveillance program are required in the protection of the State's underground water resources and are essential for solving the problems met in managing and planning for utilization of the water supplies.

No significant changes were made in the program during the 1965 water year. Data collected by the Department and its cooperators are presented in Appendix E which is bound separately.

APPENDIX A

CLIMATE



Introduction

An index of all active climatological stations in Southern California is shown in Table A-1.

The overall view of climatic conditions in Southern California is presented in Table A-2, which shows the seasonal precipitation during 1964-65 and percent of the 50-year mean at selected stations.

Precipitation characteristics at four long-term stations are shown on Figures A-1 through A-4. Values of the cumulative monthly precipitation for a 50-year mean period and for 1964-65 at these four stations are included in Table A-3.

Plate 7, which is bound at the back of this book, contains lines of equal seasonal precipitation during 1964-65 and the 50-year mean precipitation for Southern California.

Monthly precipitation from July 1964 through September 1965 at 945 stations in Southern California is presented in Table A-4.

The reporting period for climatological data is July 1 through June 30. Additional climatologic data for the period July 1, 1965, through September 30, 1965, are also included in this 1965 report.

Measurement Techniques

Definitions

The definitions of terms used in this appendix are as follows:

Precipitation is the total measurable supply of water of all forms of falling moisture, including dew, rain, mist, snow, hail, and sleet, expressed as depth of liquid water on a horizontal surface for a specified length of time.

Mean is the value obtained by dividing the sum of a series of values by the number of values in the series.

Season (seasonal) refers to the accumulation of data for some specific phenomenon over a period of 12 consecutive months.

Methods and Procedures

Most of the climatic stations use standard meteorological equipment. Wherever possible, observers are encouraged to use methods prescribed by the United States Weather Bureau.

The Department cooperates with the Weather Bureau and local agencies in the collection of precipitation data. However, this collection is dependent, for the most part, on the cooperation of local observers, who measure the amount of precipitation that falls during a storm or a known period of time, usually 24 hours. Measurements in the precipitation gage are made with a calibrated ruler or read from a recorder chart.

Accuracy

Precipitation gage measurements are generally accurate to ± 0.01 inch.

Coding

To facilitate processing of precipitation data, codes are used to designate hydrologic areas, precipitation stations, and other information. These codes are described below:

Hydrologic Area Coding System - To provide uniform boundaries that are significant both geologically and hydrologically, the Department of Water Resources has developed an areal code designation system. It relates areas that are interconnected hydrologically so that the filing,

separation, and recovery of data can be handled by machine. A further advantage of this coding system is that it can be used throughout the State. This system, as developed for Southern California, is described in an office report entitled, "Names and Areal Code Numbers of Hydrologic Areas in the Southern District", dated April 1964.

The areal designation system for Southern California covers a series of major drainage provinces which are further subdivided into hydrologic units, hydrologic subunits, and hydrologic subareas. Plates 1 through 6 show the locations and code numbers of the hydrologic subdivision in each drainage province.

Precipitation Station Numbering System - Precipitation stations are identified by name and number. The numbering system used by the Department was developed to facilitate station identification by data processing machines. Station numbers are composed from three components - hydrologic area code, alpha order number, and subnumber. The first character of the hydrologic area code refers to the drainage province. The second and third characters refer to the hydrologic unit. The alpha order number is a four digit number assigned each station to denote its order in alphabetical sequence, mainly for machine processing. The subnumber is a two digit number added to the alpha number to maintain the alphabetical order of all station names.

40-Acre Tract - This denotes the location of the station within the section. Each section is divided into 40-acre tracts and lettered as follows:

D	C	B	A
E	F	G	H
M	L	K	J
N	P	Q	R

Note that "I" and "O" are omitted in the grid above.

Base and Meridian - The codes used in this volume refer to the Mount Diablo Base and Meridian (M) or the San Bernardino Base and Meridian (S).

Cooperator Number - The cooperator number used in this report for precipitation data indicates the cooperator supplying the data. The cooperator numbers used and their names are given below:

<u>Number</u>	<u>Name</u>
004	Southern California Edison Company
011	Southern Pacific Company
014	California American Water Company
015	Escondido Mutual Water Company
016	Temescal Water Company
017	Gage Canal Company

<u>Number</u>	<u>Name</u>
018	Foothill Lemon Company
019	Fontana Union Water Company
405	City of Los Angeles, Department of Water and Power
406	City of San Diego
410	Los Angeles County Flood Control District
415	Orange County Flood Control District
416	Ventura County Flood Control District
417	The Metropolitan Water District of Southern California
429	San Bernardino County Flood Control District
430	San Luis Obispo County Flood Control and Water Conservation District
431	Riverside County Flood Control and Water Conservation District
432	Vista Irrigation District
433	Helix Irrigation District
436	City of San Bernardino Water Department
808	State Division of Forestry
809	State Division of Highways - Maintenance Stations
813	State Department of Water Resources - Southern District
900	U. S. Weather Bureau (Published records)
907	U. S. Weather Bureau (Unpublished records)
913	U. S. Corps of Engineers, Los Angeles District
914	U. S. Marine Corps, Camp Pendleton
916	U. S. Geological Survey

County Code - The county code is a standard machine processing code for California counties and adjacent areas. The county codes used in this report are given below:

<u>County</u>	<u>Code</u>
Imperial	13
Inyo	14
Kern	15
Los Angeles	70
Mono	26
Monterey	27
Orange	30
Riverside	33
San Bernardino	36
San Diego	90
San Luis Obispo	40
Santa Barbara	42
Ventura	56

DATA
CLIMATE



TABLE A-1
INDEX OF CLIMATOLOGICAL STATIONS FOR 1964-65
SOUTHERN CALIFORNIA

Station		Elevation in Feet	Section	Township	Range	All-Weather Road	Latitude			Longitude			Cooperator Number	Cooperator's Index Number	Record Begin	Record End	Number of Missing Years	County Code
Number	Name						Degrees North	Minutes	Seconds	Degrees West	Minutes	Seconds						
U03 14	ACTON ESCONUIDO CNYN	2920	30	5N 13W	5	34 29 31	118 16 30	410	F 2618	1897							70	
U03 14-01	ACTON ALISO CANYON	3900		4N 12W	5	34 24 02	118 05 33	410	F 423A	1937							70	
U03 14-02	ACTON ALISO CNYN BLUM	2900				34 27 33	118 09 40	410	F 341	1932							70	
U03 14-03	ACTON CAMP 2	2625				34 27 02	118 11 55	410	F 2500	1930							70	
U03 14-04	ACTON-COLOMBO RCH	3000				34 25 41	118 11 52	410	F 420C	1927							70	
U03 14-05	ACTON HUBBARD RCH	3490	16	5N 13W	5	34 31 31	118 13 58	410	F 2748	1897							70	
W28 24	ADELANTO	2845	21	6N 5W	N 5	34 35 21	117 24 50	900	S8 89A	1945							14	
W03 50-51	ALABAMA HILLS	3725				36 40 15	118 05 40	405									30	
U03 72-15	ALAMO MT STORAGE GAGE	6675	25	7N 20W	5	34 40 11	118 57 08	416	V 211	1950							56	
U05 84-43	ALCAZAR FLOOD CONTROL	400				34 03 46	118 11 54	410	F 1918	1929							70	
U05 85	ALDER CRK PARADISE	2330		3N 14W	5	34 19 48	118 19 03	410	F 705	1941							70	
U05 112-02	ALHAMBRA-CITY HALL	533				34 06 05	118 07 52	410	F 110B	1927							70	
Y01 114-51	ALISO CYN COOK	1080				33 40 59	117 39 12	415	O 151A								30	
U05 115	ALISO CANYON OAT MTN	2367	28	3N 16W	5	34 18 53	118 33 25	410	F 446	1939							70	
Z07 136	ALPINE	1740	27	15S 2E	5	32 50	116 46	900		1952							90	
U05 140-01	ALTA CANYON	2020				34 13 39	118 12 40	410	F 175B	1919							70	
U05 144	ALTADENA	1125	1N	12W	5	34 10 55	118 08 15	410	F 176	1921							70	
U05 144-04	ALTADENA GOLF	1186				34 10 48	118 07 01	410	F 611C	1899							70	
Y01 145-05	ALTA LOMA SE 175	1865	27	1N 7W		34 07 25	117 36 27	429	S8175	1953							36	
U05 179-10	AMERICAN C SUGAR CO	60				34 12 17	119 04 04	416	V 3	1902							36	
Y01 192-01	ANAHEIM AUTOMATIC					33 49 12	117 54 48	415	O 167								30	
Y01 193	ANAHEIM CARROLL RCH	105				33 49 54	117 57 54	415	O 91	1924							30	
Y01 194	ANAHEIM WATER WORKS	150	15	4S 10W	5	33 49 46	117 54 42	415	O 33	1880							30	
W26 195-07	ANAVERDE-PLATT	2875				34 35 22	118 12 15	410	F1108B	1955							70	
U05 208-11	ANGELES CREST G S	2300				34 14 05	118 11	410	F 726B	1945							70	
U05 208-12	ANGELES CREST HWY	2800				34 15 21	118 11 45	410	F 498	1945							70	
U05 208-20	ANGELES CRE WMY GRIZ	3050				34 15 33	118 11 32	410	F X30	1957							70	
W26 222-01	ANTELOPE VLY FLD STA	2450				34 42 12	118 18 32	410	F1106	1955							70	
Z02 235	ANZA	3915	21	7S 3E	B 5	33 33	116 40 30	900		1947							33	
T12 239	APACHE CAMP	4965	16	9N 23W	5	34 52	119 20	416	V 161	1940							56	
W28 244	APPLE VALLEY	2935	17	9N 3W	5	34 31 25	117 12 52	900	S8 136	1958							36	
U05 251-01	ARCADIA ARBORETUM	565		1N 11W	5	34 08 48	118 02 59	410	F1037E	1950							70	
U05 251-02	ARCADIA B	611				34 09 32	118 02 02	410									70	
Y01 264	ARLINGTON	830	8	3S 5W	5	33 55 07	117 26 01	431	R	1963							33	
Y01 264-01	ARLINGTON GAGE CANAL	1000				33 53 50	117 24 55	17	16061								33	
W28 310	ARROWHEAD R S	5593	27	2N 3W		34 14 20	117 11 25	429	S8107								36	
U05 311-11	ARTESIA	52				33 51 48	118 04 58	410	F 208B	1917							70	
T10 320	ARROYO GRANDE	110	21	32S 13E	M	35 07 24	120 34 24	900		1939							40	
T10 320-20	ARROYO GRANDE NO 5	138	28	32S 13E	M	35 07 10	120 30 25	430	L 147	1956							40	
U05 327	ARROYO SECO R S	1220	31	2N 12W	5	34 12 33	118 10 12	410	F 506C	1917							70	
U05 355	ASSOC OIL ANAHEIM 1	340	13	3S 10W	5	33 54	117 53	900		1941							30	
T09 358-05	ATASCADERO LAKE	915	27	28S 12E	B	35 28	120 40 20	430	L 167	1964							40	
T09 359	ATASCADERO PUMP STA	1205	4	28S 13E	M	35 31 30	120 34 30	430	L 133	1951							40	
T09 363-01	ATASCADERO SDH	950	23	28S 12E	M	35 29	120 39 30	430	L 145	1954							40	
T09 363-20	ATASCADERO TNW	920	16	28S 12E	M	35 29 45	120 11 20	430	L 160	1962							40	
T09 361-01	ATASCADERO AMWC	835	10	28S 12E	M	35 30 06	120 39 36	430	L 34	1913							40	
U03 372-11	ATMORE MEADOW	4325				34 41 18	118 36 16	410	F1119B	1956							70	
U06 395	AVALON PLEASURE PIER	430				33 21	118 00	900		1931							70	
T10 476	AVILA	115	36	31S 12E	M	35 10 48	120 43 18	430	L 55	1931							40	
U05 410	AZUSA CITY PARK	612	35	1N 10W	D 5	34 08 03	117 54 17	410	F 143B	1928							70	
U05 410-01	AZUSA FOOTHILL RCH	615				34 07 57	117 53 32	410	F 99B	1913							70	
U05 410-02	AZUSA GRIFFITH RCH	585				34 06 53	117 53 23	410	F 178B	1955							70	
U05 410-04	AZUSA PLT-GIC	682				34 08 54	117 54 48	410	F 312B	1950							70	
U05 431-01	BAILEY DEBRIS DAM	1180				34 10 25	118 03 38	410	F 179G	1958							70	
W28 436	BAKER	940	30	14N 9E	5	35 16	116 94	900	S8160	1953							36	
W28 437	BAKER 9 NAW	1045	15	15N 8E	5	35 23	116 07	900	S8 161	1953							36	
U03 450-10	BALDWIN CYN HUMPHREY R	800				34 18 51	118 58 21	416	V 206	1960							56	
U05 453-01	BALDWIN HILLS	392				34 08	118 22 32	410	F 461	1940							70	
U05 453-02	BALDWIN HILLS RES	460				34 25	118 21 47	410	F 799								70	
U05 455	BALDWIN PARK	386	9	1S 10W	5	34 05 36	117 57 40	410	F 347E	1931							70	
X19 489	BANNING	2315	9	3S 1E	5	33 55 43	116 52 33	431	R	1913							33	
U03 506-11	BARDSDALE YOUNG RCH	400				34 21 54	118 36 42	410	F 76	1932							56	
U05 507-11	BARLEY FLAT	5525				34 16 40	118 04 40	410	F 1121	1956							70	
U05 508-11	BARLOW SANITARIUM	450				34 04 31	118 14 46	410	F 774	1947							70	
U05 509	BARNESON PARK	575	5	3S 9W		33 56	117 51	900									30	
U02 519-11	BARRE H OJAI RCH	800				34 26 28	119 13 13	416	V 153								56	
Z11 514	BARRETT DAM	1623	22	17S 3E	5	32 41	116 40	406		1916							36	
W28 519	BARSTOW	2142	6	9N 1W	5	34 54	117 01	900	S8 112	1916							36	
W28 519-02	BARSTOW-2	2150	1	9N 2W	5	34 54	117 47	429	S8100	1958							36	
W28 519-06	BARSTOW COUNTY YARD	2120	32	10N 1W	5	34 56	117 01 26	429	S8219								36	
W28 519-15	BARSTOW SHERIFF DEPT	2280	6	9N 2W	5	34 53 47	117 01 25	429	S8234								36	
U05 563-12	BEAR CANYON FC1112	4025				34 17 04	117 51 58	410	F 1112								70	
U05 564-30	BEAR CR CRYSTAL LAKE	5480				34 19 33	117 51 42	410	F 1163								70	
W26 564-10	BEAR GULCH	7880				34 21 58	117 41 27	410	F X25	1957							70	
Y02 606	BEAUMONT	2610	10	7S 1W	5	33 56	116 58	900	S8 29	1931							33	

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Station		Elevation in Feet	Section	Township	Range	40 Arc East	Base and Meridian	Latitude			Longitude			County Number	Congressman's District Number	Record Region	Record Ended	Number of Missing Years	County Code
Number	Name							Degrees	Minutes	Seconds	Degrees	Minutes	Seconds						
Y02 607	BEAUMONT PUMPING PL	3045	23 25	1W	5	33 59	116 58	000	SB 30	1924	33								
Y01 609	BEAUMONT 1 E	2600	11 35	1W	5	33 56	116 57 01	000	SB 38	1942	33								
Y01 609-12	BEAUMONT F C STA		11 35	1W	5			431			33								
U05 619	BEL AIR FC 10	540				34 05 12	118 26 48	000			70								
U05 626-01	BELL FIRE STA	145				33 58 45	118 11 16	410	F 192C	1928	70								
W26 630	BELLVIEW	2880				34 37 23	118 13 55	410	F 722C	1948	70								
X19 699-0	BERMUDA DUMES	100	7 55	7E	S	33 44 38	116 17 15	431	R	1964	33								
T10 718-05	BRETTENCOURT	745	5 31S	14E	M	35 15 15	120 29 45	430	L 1523	1959	40								
U05 722-11	BEVERLY HILLS	290				34 04 27	118 23 57	410	F 228B	1925	70								
Y01 741	BIG BEAR LAKE	6750				34 15	116 55	000			36								
Y01 741-01	RIG BEAR LAKE F O	6780	19 2N	1E	S	34 14 40	116 54 24	429	SB 90	1950	36								
Y01 742	RIG BEAR LAKE OM	6815	22 2N	1W	S	34 14	116 58	000	SB 32	1892	36								
Y01 743-01	BIG BEAR CITY	6775	14 2N	1E	S	34 15 41	116 50 36	429	SB 91A	1942	36								
U05 758	BIG DALTON DAM	1575	15 1N	1W	S	34 10 08	117 48 38	410	F 223B	1930	70								
U05 758-01	BIG DALTON-MONROE	1825				34 10 34	117 48 26	410	F 724B	1939	70								
W28 779	RIG PINES PARK	6860	2 3N	8W	S	34 22 45	117 41 28	410	F 83B	1926	70								
U05 785-01	RIG SANTA ANITA DAM	1400	10 1N	11W	S	34 11 03	118 01 12	410	F 4C	1927	70								
U05 785-02	RIG SANTA ANITA R S	2175				34 11 46	118 01 20	410	F106B	1957	70								
U05 798	BIG TUJUNGA DAM	2315	1 2N	13W	S	34 17 31	118 11 15	000	460 E	1917	4								
W03 819	BISHOP CREEK INTAKE	8150	16 8S	31E	M	37 15	118 35	000			26								
X03 822	BISHOP WB AIRPORT	4108	5 7S	33E	M	37 22	118 22	000		1899	14								
W03 824	BISHOP UNION CARBIDE	9370	5 7S	30E	M	37 22	118 43	000		1957	14								
X03 871-11	BLACK STOCK	855				34 15 31	118 45 13	416	V 155	1956	56								
U03 877-11	BLANCHARD INV CO	273				34 21 23	119 04 25	000	V 48	1896	56								
Y01 887	BLOOMINGTON	1100	22 1S	5W	S	34 04 08	117 23 49	429	S0106	1952	36								
Y01 900-11	BLUE CUT	2960	13 2N	6W	S	34 15 30	117 27 58	429	SH103	1936	36								
W28 900-92	BLUE JAY WEST	5445				34 14 28	117 13 06	429	SB209	1955	36								
U05 904-10	BLUE RIDGE CAMP	8450				34 20 57	117 43 23	410	F*X26	1957	70								
X15 924	BLTYHE	266	32 6S	23E	S	33 36 45	114 35 45	000		1931	33								
X15 927	BLTYHE CAA AIRPORT	390	31 6S	22E	S	33 37	114 43	000		1940	33								
X15 927-05	BLYTHE AIR BASE		33 6S	23E	S						33								
X15 928	BLYTHE F C STA		32 6S	23E	S						33								
U05 940	BORCART CANYON	4720				34 16 49	118 08 08	431	R	F1102B	1955	70							
Z09 968	HONITA	105	17S	2W	S	32 40	117 02	000		1899	90								
U03 978-51	BORGSTROM	200				34 16 47	119 15 27	416	V 67	1956	56								
X22 983	BORREGO DESERT PARK	750	25 10S	5E	S	33 16	116 25	000		1943	90								
X22 986	BORREGO SPRINGS 3NNE	625	21 10S	6E	S	33 17	116 21	000		1945	90								
X22 1009	BOULEVARD	3350	28 17S	7E	C	32 40	116 17	000		1924	90								
Y01 1013	BOUQUET CANYON	3055	28 6N	14W	B	34 35 14	118 21 45	000	F 124B	1955	70								
U33 1013-01	BOUQUET CANYON FCC1104	1760				34 36 35	118 27	410	F1104	1955	70								
T09 1018-30	BOWMAN RANCH	1880	36 29S	16E	M	35 21 30	120 13	430	L 163	1962	40								
U05 1028-11	BRADBURG DEBRIS BASIN	935	93K			34 05 23	117 57 58	410	F1060B	1955	70								
T09 1034	BRAOLEY	540	8 24S	11E	M	35 42	117 48	000		1946	27								
U05 1043-41	BRAND DEBRIS BASIN	830				34 11 04	118 16 32	410	F 198B	1957	70								
U05 1043-51	BRAND PARK	1250				34 11 18	118 16 20	410	F 210B	1928	70								
X23 1048	BRAWLEY 2 SW	100	7 14S	14E	S	32 57	115 33	000		1909	13								
U05 1056	BREA CITY	350				33 55	117 54	000	PN8119	1957	30								
U05 1057	BREA OAM	275	21 3S	10W	S	33 53 26	117 55 36	000		1930	30								
U05 1057-01	BREA UNION OIL	375				33 55 46	117 56 53	410	F1094	1924	30								
U05 1087-10	BRIGDEN RES NO 1	1020				34 10 15	118 05 40	410	F1151	1961	70								
U05 1090-11	BURRIGS TERRACE	2225				34 14 17	118 13 27	410	F 373B	1933	70								
Y01 1129-11	BRUSH CANYON	1475	10 1N	4W	S	34 10 46	117 17 11	429	SB133	1957	36								
U05 1148-02	BUCKHORN FLAT	6760				34 20 44	117 55 08	410	F1062	1953	36								
T09 1149-20	BUCKHORN RANCH	1950	13 31S	17E	M	35 14	120 06	430	L 154	1959	40								
U05 1168	BUENA PARK	75	35 3S	11W	S	33 51 57	117 59 50	415	O 5A	1927	30								
U05 1192	BURBAN FIRE DEPT	680	12 1N	14W	S	34 10 58	118 18 23	410	F 226B	1930	70								
U05 1194	BURBAN WB AIRPORT	699				34 11 47	118 21 11	000		1931	70								
W26 1202	BURKHART RCH LEWIS	4615	25 4N	10W	S	34 25 12	117 53 11	410	F 517B	1948	70								
X19 1250	CABAZON	1415	16 3S	2E	S	33 55	116 47	000		1939	33								
Z08 1252	CABRILLO NAT MON	410	31 17S	4W	S	32 40	117 15	000		1952	30								
T14 1253	CACHUMA OAM	780	29 6N	29W	S	34 35	119 59	000		1951	42								
W11 1266	CAIN RANCH	6980	3 1S	26E	C	37 53 32	119 05 30	405		1931	26								
Y01 1266-51	CAJALCO 1	1520	12 4S	5W	S	33 50 08	117 21 02	431	R	1955	33								
Y01 1266-92	CAJALCO 2	1540	12 4S	5W	S	33 50 28	117 21 30	431	R	1955	33								
Y01 1267-01	CAJON JUNCTION	1118	26 1N	6W	S	34 18 36	117 28 24	429	SB 16A	1943	36								
W26 1272	CAMARILLO SUMMIT	4750	35 4N	7W	S	34 23	117 34	000	SB 52	1939	36								
U05 1274	CALABASAS	924				34 09 24	118 38 14	410	F 5B	1927	70								
X23 1288	CALEXICO 2 NE	12	7 17S	15E	S	32 41	115 28	000		1942	13								
Y01 1308-05	CALIMESA	2400	13 2S	2W	S	34	13 117 03 29	431	R	1957	33								
U03 1376	CAMARILLO 2 SE	123	6 1N	20W	B	34 12 18	119 46	000	V 195	1955	56								
U03 1339	CAMARILLO 4 NW	352	10 2N	21W	S	34 14 27	119 04 38	416	V 195	1955	56								
T10 1341-1	CAMBRIA STEINER	150	23 27S	8E	M	35 33 54	121 04 42	430	L 77	1938	40								
T10 1341-02	CAMBRIA NAT MAINT	50	21 27S	8E	M	35 34 30	120 12 30	430	L 74	1937	40								
Y01 1369	CAMP ANGELES	5770	27 1N	14W	S	34 09	116 59	000	SB 53	1939	36								

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Number	Station Name	Elevation in Feet	Section	Township	Range	30 Arc Triangulation	Basis and Meridian			Latitude			Longitude			County Number	County Name	Record Index Number	Record Found	Number of Missing Years	County Code
							Degrees	Minutes	Seconds	Degrees	Minutes	Seconds									
U05 1405-11	CAMP JOSEPHO	660					5	34 04	51	118 31	10	41 0	F1052	1952		70					
Z11 1424	CAMP	2610						32 37		116 28		50 0		1959		90					
T01 1424-01	CAMP SNW	3000	32 17S	5E				32 38		116 30		50 7		1926	1934	90					
T09 1439	CAMP ROBERTS	600	35 24S	11E	M			35 48		120 46 48		43 0	F 109	1945		27					
U05 1440	CAMP RINCON	1510	30 2N	9W				34 14 28		117 51 45		41 0	L F 3490	1932		70					
T10 1444	CAMP SAN LUIS OBISPO	625	9 30S	12L	M			35 21		120 41		90 0		1941		40					
U05 1468-11	CAMP VALCREST	5900						34 20 40		117 58 41		41 0	F1007C	1946		70					
U03 1471-19	CANULOS RANCH	720						34 24 20		118 45 20		41 6	V 170	1956		56					
U02 1472-11	CANOGA LARGA	8000						34 22 25		119 13 42		41 6	V 85	1956		56					
U05 1484	CANOGA PARK PIERCE C	794	8 1N	16W				34 10 53		118 34 23		41 0	F1051	1949		70					
W25 1488	CANTIL	2010	23 30S	37E	M			35 18		117 58		90 0		1955		15					
T09 1498-15	CANYON RANCH	1200	35 27S	15E	M			35 32		120 20		43 0	L 138	1952		40					
Z01 1507	CAPISTRANO BEACH	20	33 27 56					33 27 56		117 41 12		41 5	O 164	1942		30					
U05 1518	CARBON CANYON GILMAN	1625	12 35	9W				33 56		117 47		90 0	SB 41	1959		30					
U01 1557-31	CASA COLINA	680	16 25	8W				33 59 30		117 43 10		42 9	SB 20C	1952		36					
U02 1558	CASITAS DAM	369	6 3N	23W				34 22		119 20		90 7		1959		56					
U02 1558-12	CASITAS RANCH	400						34 22 06		119 20 12		41 6	V 4	1927		56					
U02 1559-9	CASITAS RESERVOIR	912	29 4N	23W				34 24		119 18		90 7		1959		56					
U03 1562-11	CASITAC PATROL STA	1066						34 27 54		118 36 57		41 0	F 4518	1957		70					
U03 1562-21	CASITAC JUNCTION	1001						34 26 23		118 36 20		41 0	F1012	1947		70					
X19 1587-05	CATHEDRAL CITY F.C.#5	320	33 45	5E				33 46 53		116 27 52		43 1	R 7	1948		33					
T11 1595-10	CAVANAUGH RANCH	2000	33 29S	18E	M			35 23		120 02 30		43 0	L 78	1938		40					
U05 1613-01	CEADAR SPRINGS	6780						34 21 21		117 52 34		41 0	F 402F	1936		70					
W28 1613-10	CEADAR SPRINGS R EVAP	3275						34 17 03		117 19 47		81 3		1962		36					
U05 1663-11	CHAPMAN WELLS	635						34 08 47		118 04 03		41 0	F 1718	1962		70					
U05 1663-02	CHARTER OAKS WALKER	705						34 06 25		117 51 40		41 0	F11318	1948		70					
U05 1680	CHATS WORTH F C 24 D	957	18 2N	16W	M			34 15 23		118 36 19		90 0	F 240	1928		70					
U05 1682	CHATS WORTH RESERVOIR	912	25 2N	17W				34 13 34		118 36 58		90 0	F 23E	1948		70					
U05 1682-11	CHATS WORTH PAT STA	1254						34 16 39		118 36 13		41 0	F 259C	1930		70					
Y01 1698-01	CHERRY VALLEY F 5	3050	22 2S	1W				33 59 06		116 58 03		43 1	R	1930		33					
U03 1718-01	CHIEF PEAK	5000						34 31 04		119 10 50		41 6	V 179	1944		56					
W26 1724-01	CHILAO HMS	5280						34 19 02		118 10 30		41 0	F 492B	1944		70					
U05 1725	CHILAO RANGER STA	5155	22 3N	11W				34 19 42		118 01 01		41 0	F 440C	1939		70					
Y11 1726-60	CHIMINEAS RANCH	2600	8 82S	19E	M			35 09		119 58		43 0	L 158	1961		40					
Y11 1732-82	CHINO-IMBACH	642	27 2S	7W				33 58 32		117 35 36		42 9	SB 79	1930		40					
Y01 1732-03	CHINO SCE CO	675	13 2S	8W				33 59 52		117 40 50		4	SB 67	1946		36					
Y01 1732-08	CHINO FIRE STATION #2	655	16 2S	8W				33 57 51		117 42 58		42 9	SB 20	1941		36					
Z08 1747	CHOLLAS RESERVOIR	400						32 44		117 44		90 0		1914		56					
U03 1754	CHUCHUPATE P 5	5260	4 8N	20W				34 48		119 01		90 0		1931		90					
Z10 1758	CHULA VISTA	9	4 8N	20W				32 36		117 06		90 0		1931		90					
T09 1758-02	CHULA VISTA 2	25						32 37 57		117 05 39		91 3				70					
W26 1767-11	CIMA MESA	4325						34 26 50		117 57 12		-1 0	F1123	1927		70					
U01 1777-01	CLAREMONT FIRE STA	1180	9 1S	8W				34 05 45		117 42 57		41 0	F 93B	1927		70					
U05 1777-02	CLAREMONT INDIAN HILL	1403						34 07 22		117 43 11		41 0	F 91	1927		70					
U05 1777-03	CLAREMONT SLAUGHTER	1350						34 07 35		117 43 55		41 0	F 497	1945		70					
U01 1779	CLAREMONT BOMBA COOL	1185	10 1S	8W				34 05 48		117 42 33		41 0	F 92	1894		70					
U05 1798-11	CLEAR CREEK SHROOD	3192						34 16 38		118 00 12		41 0	F 470	1925		70					
U05 1799-10	CLEAR CREEK R 5	3625						34 16 15		118 09 11		41 0	F1125	1961		70					
U05 1883	COGSWELL DAM	2330	19 2N	10W				34 14 37		117 57 35		41 0	F 334B	1947		70					
U05 1896	COLBY FC 530	3675	35 3N	12W				34 18 02		118 06 39		90 0	PN8290	1967		70					
U04 1901	COLOR CREEK	1318						34 05 37		118 39 22		41 0	F 489	1943		70					
U05 1906-01	COLORWATER CANYON	3960						34 15 49		117 42 41		41 0	F 486B	1943		70					
Y01 1941-01	COLTON HWY YARDS	1220	19 1S	4W				34 04 10		117 20 32		42 9	SB204	1959		36					
Y01 1941-02	COLTON F 0	980	20 1S	4W				34 04		117 19 23		42 9	SB 27A	1924		36					
Y01 1941-03	COLTON SCE CO	940	20 1S	4W				34 03 22		117 19 08		4	SB185	1929		36					
Y01 1941-04	COLTON SPRR	973						34 03 54		117 15 19		90 7	SB 68	1874		36					
U05 1954-11	COMPTON FIRE STA	78						33 53 42		118 13 34		41 0	F 117F	1926		70					
U05 1982-01	COOKS CANYON	3400	16 2N	13W				34 15 52		118 15 11		-1 0	F X19	1956		70					
U05 1982-02	COOKS OBERLY BASIN	2100						34 14 49		118 15 40		-1 0	F1122	1956		70					
U05 1987-02	COON CANYON 2	1710						34 12 56		118 10		41 0	F 788B	1948		70					
U05 1987-05	COON CANYON 5	2207						34 13 18		118 09 50		41 0	F 786	1948		70					
U05 1987-06	COON CANYON 6	1350						34 12 47		118 10 12		41 0	F 783	1948		70					
Y01 2031	CORONA	710	25 3S	7W				33 52 58		117 34 07		90 0	SB 165	1908		33					
Y01 2033-03	CORONA A SDF	638	13 3S	7W				33 55 53		117 32 52		43 1	R			33					
Y01 2034-01	CORONA FIRE DEPT	638	13 3S	7W				33 52 55		117 33 46		43 1	R			33					
Y01 2034-21	CORONA LEMON CO 1	1055	1 4S	7W				33 50 39		117 34 36		18	R	1948		33					
Y01 2034-22	CORONA LEMON CO 2	1215	12 4S	7W				33 50 02		117 34 53		18	R	1948		33					
Y01 2034-23	CORONA LEMON CO 3	860	34 3S	7W				33 51 40		117 35 37		18	R			33					
Y01 2060-01	COSTA MESA	53						33 40 12		117 53 38		41 5	O 165	1944		30					
Y01 2060-82	COSTA MESA DO																				

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SOUTHERN CALIFORNIA

Number	Station		Elevation - Feet	Site Type	Ownership	Range	MO A or Part	Type and Method	Latitude			Longitude			Compan- y's Number	Compan- y's Number	Record Begin	Record End	Number of Missing Years	County	Index
	Name								Degrees	Minutes	Seconds	Degrees	Minutes	Seconds							
K23 2111		COYOTE WELLS	250		30 16S	10E	S	32 44	11	15	58	000								13	
Y01 2116-11		CRAFTON SCHNEIDER	2120		28 15	24	S	34 03	16	11	06	18	429	SB 24C						36	
Y01 2158		CREST FORREST C OF C			22 24	44	S						427	SB 235						36	
Y01 2162-21		CRESTLINE SB 176	4920		28 24	44	S	34 14	10	11	17	42	429	SB 176						36	
Y01 2162-45		CRESTLINE S E	5160		27 24	44	S	34 41	11	17	21		429	SB 181						36	
#2R 2183		CRESTLINE LK GREGORY	4430		23 24	44	S	34 14	11	17	16	000		SB 45						36	
J04 2198		CRYSTAL LAKE FC 283C	5370		29 34	54	S	34 18	58	11	50	30	000							70	
Y01 2210-02		CUCAMONGA RES C	1618					34 04	39	11	35	39	013	SB 192						36	
U05 2214		CULVER CITY	75					34 01	18	11	23	17	410	F 246B						70	
T12 2236		CUYAMA	2240		25 10N	264	S	34 56		11	37	000								42	
Z07 2239		CUYAMACA	4650					32 59		11	35		433							90	
#2R 2255		DAGGETT 1 ENE	1975		15 9N	1E	S	34 51	57	11	52	07	000	SB 153						36	
#2R 2257		DAGGETT FAA AP	1922		20 9N	2E	S	34 52		11	47		000	SB 113						36	
K12 2275		DANNY DRAKE LAKE			12 24	17C	S						429	SB 237						36	
U03 2303-11		DAVIS RANCH	20					34 09	26	11	04	39	429	F 177						58	
U06 23 4-11		DAWN MINE	2950					34 13	30	11	07	47	410	F 730						70	
#26 2315-11		DAWSON SANDPILE	7900					34 22	58	11	48	31	410	F 112C						70	
Y01 2307-59		OAY CANYON	2576		17 14	64	S	34 10	30	11	32	11	429	SB 28						36	
#39 2319		DEATH VALLEY	19M		16 27N	1E	S	36 28		11	52		000							14	
Y01 2325-51		DECLERZ	1107		13 15	64	S	34 04	40	11	28	14	429	SB 58						36	
K19 2327		DEEP CANYON LABORATOR	1200		17 6S	6E	S	33 39		11	23	000								33	
#45 2331		DEEP SPRINGS COLLEGE	5225		1 7S	36E	M	37 22		11	59		000							14	
U05 2333		DEEP DEBRIS BASIN	1200					34 11	33	11	14	28	410	F 1081						70	
T09 2359-17		DELLAGRAVA RANCH	1280		35 27S	10E	M	35 32		11	51	30	430	L 139						40	
Y01 2370-03		DEL ROSA COGAN	1400		24 14	44	S	34 09	41	11	14	58	429	SB 180						36	
Y01 2370-11		DEL ROSA RANGER	1580		13 14	44	S	34 09	57	11	15	05	429	SB 15						36	
U09 2389		DEMNISON RCH	340		9 44	224	S	34 20	10	11	19	36	410	F 84						1901	
U05 2401-27		DEPP P E VALLEY	780					34 12	30	11	24	35	410	F 1126						70	
U05 2474		DESCANSO GARDENS	1325					34 12	07	11	12	06	410	F 1071B						70	
K19 2405		DESERT HOT SPRINGS	1080		30 25	5E	S	33 57	42	11	30	06	431	M						33	
Z09 2436		DESCANSO RES	3500		24 15S	3E	S	32 51		11	37		000	F 797						90	
U05 2406-51		DESOTO RESERVOIR	1127					34 16	17	11	35	12	410	F 797						90	
Y01 2474-01		DEVILO CANYON GATE	2486		6 14	44	S	34 12	06	11	14	38	436	SB 71						10	
U05 2406		DEVILS GATE DAM	1390					34 11	08	11	14	39	410	F 854C						70	
Y01 2412		DEVORE	2435		28 24	54	S	34 14	23	11	24	24	429	SB 11E						36	
Y01 2412-41		DEVORE ST. FOR.	2280					34 13		11	24		429	SB 11E						36	
U05 2465-32		DOMINGUEZ WATER CO	30		33 24	54	S	33 49	54	11	13	30	410	F 1113						70	
#26 2479-10		DORR CANYON	7280					34 22	16	11	46	51	410	F 423						70	
U03 2492-60		DOUBLE H N RANCH	600					34 23	42	11	51	26	416	F 944						56	
U05 2494		DOWNEY FIRE DEPT	150					33 56	18	11	08	03	410	F 107C						70	
U03 2516		DRY CANYON RESERVOIR	1520		35 54	164	S	34 28	55	11	31	40	000	F 127						70	
J04 2523-01		DUARTE	4448					34 08	26	11	58	01	412	F 172B						70	
U05 2523-12		DUARTE FIRE STA	580					34 08	25	11	56	47	410	F 1176						70	
#2R 2570		DYNN SIDING	1410		15 11N	5E	B	35 03		11	26		000							36	
U06 2571-11		DUNSMORE CANYON-UPPER	4425		15 2N	154	S	34 16	18	11	13	47	410	F 421B						70	
U05 2571-21		DUNSMUIR DEBRIS BAS	2275					34 14	52	11	15	06	410	F 1022						70	
U05 2592-20		EAGLE DEBRIS BASIN	1840					34 14	27	11	14	12	410	F 423						70	
K17 2598		EAGLE MOUNTAIN	973		30 4S	15E	S	33 49		11	27		410	F 754						33	
T12 2623-17		EAGLE ROCK	1315		3 29S	12E	M	35 26	30	11	40	30	430	L 148						40	
U06 2605-11		EAGLE ROCK SECC	950					34 09	02	11	18	47	410	F 673						33	
U05 2615-12		EAGLE ROCK RES	763		25 14	134	S	34 08	47	11	11	42	405	F 802B						70	
Y 11 2618-12		E HIGHLAND GULL	1348					34 04	47	11	16	07	410	F 58						1933	
Y 11 2618-13		E HIGHLAND ORANGE	1525		35 14	34	S	34 07	17	11	05	56	424	SB 25						36	
#26 2655-11		EAST HITTIER	253					33 56	26	11	59	30	410	F 266C						36	
J05 2664-11		EATON WASH DAM	580					34 10	26	11	05	33	410	F 449B						70	
U05 2665-11		ECHO PARK-4	475					34 05	32	11	15	11	410	F 772						70	
U05 2681-31		EDISON INTAKE	1275					34 12	38	11	51	30	410	F 754						70	
T12 2683-11		EDWARDS (STORCLIFT)	4428		22 31S	13E	M	34 08	52	11	31	57	410	F 1117						1940	
#16 2701-14		EL CABALLERO LIN CLUB	1000					34 08	52	11	31	57	410	F 1117						70	
Z07 2709		EL CAPITAN DAM	900		7 15S	2E	B	33 63		11	44		000	PA 1741						90	
K23 2733		EL CENTRO 2 55W	30		7 16S	4E	S	32 46	42	11	33	52	000							13	
U01 2716-41		ELDER RANCH	1482					34 09		11	45		410	F 90						70	
Y01 2717		EL CERILLO	802		16 4S	6E	S	33 44	44	11	32	33	431	F 90						33	
#1 2734-41		ELIZABETH LAKE	3325					34 39	35	11	44	16	410	F 549B						70	
J04 2735		ELIZABETH LAKE 1280	2575		15 6N	164	S	34 30	28	11	13	42	000	PA 422						1928	
#1 2746		ELLEY LAKE	9423		20 1N	24E	M	37 58	11	11	13	54	000							26	
#5 2747-11		EL MIKADON RANCH	1100					34 05	49	11	10	33	410	F 362B						36	
#2R 2749-01		EL MIRAGE VISION OF	3422		14 6N	74	S	34 36	13	11	26	37	424	SB 224						36	
J04 2749-13		EL MONTE FIRE STA	270					34 14	10	11	22	30	410	F 266						70	
J04 2750-11		EL PRIETO CANYON	2325					34 13	11	11	25	17	410	F 754						70	
#1 2807		EL SEGUNDO	147					34 44	47	11	25	01	410	F 157B						70	
#12 2834		ELSINORE	1245					33 47	11	11	18	41	410	F 90							

TABLE A-1
INDEX OF CLIMATOLOGICAL STATIONS FOR 1964-65
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Station Number	Station Name	Elevation in Feet	Section	Township	Range	M. R. Sec. East- West	M. R. Sec. North- South	Latitude		Longitude		Elevation in Feet	Cooperation Number	Record Began	Record Ended	Number of Missing Years	Station Type	
								Degrees	Minutes	Degrees	Minutes							
								North	South	West	East							
U05 2830-11	ENCINO RESERVOIR	1075	24	14	12	5	34	28	56	118	30	47	410	F 2920	1928		70	
Z04 2862	ESCONDIDO	660	22	125	2	4	33	07	117	05		400			1894		90	
Z04 2862-04	ESCONDIDO VALLEY PARK	7	80				33	09	117	04	43						90	
U04 2867-01	ESCONDIDO CANYON G	1050		15	18	5	34	22	55	118	48	25	410	F 28	1927		70	
Y01 2895	ETIWAHA	1390	32	14	6	5	34	07	31	117	31	30	400	SB119	1938		36	
T09 2908-15	EUREKA RANCH	850	14	265	12E	M	35	40	120	99		430	L 137	1952		40		
U05 2918-11	EVERETT RANCH	735					34	14	52	118	50	26	415	W 147			56	
W26 2941	FAIRMONT	3060	11	74	15	5	34	42	15	118	27	00	410	F1105	1955		70	
W26 2942-10	FAIRMONT RESERVOIR	3036					34	42	15	118	25	40	410	F 442E	1906		70	
U05 2950	FAIR OAKS DEB POND	1585					34	12	15	118	08	10	410	F 433C	1938		70	
U05 2961-11	FALLING SPRINGS	4010					34	18	06	117	50	20	410	F 51	1926		70	
U05 3023	FERN CANYON	5200					34	11	48	117	41	45	410	F 740B	1936		70	
U03 3036-15	FERNDALE RANCH	1100					34	25	54	119	05	11	410	V 173	1956		56	
U03 3050	FILLMORE 1st NW	4935					34	24	12	118	55	33	900				56	
U03 3050-11	FILLMORE CITRUS ASSN	450					34	23	54	118	55	06	410	V 129			56	
U03 3050-33	FILLMORE FISH HATCH	270					34	23	37	118	55	05	410	V 171			56	
U03 3050-33	FILLMORE FISH HATCH	2670					34	23	37	118	55	05	410	F1133	1958		70	
U05 4091	FLINTRIDGE F 5	1345					34	10	57	118	11	47	410	F 280B	1930		70	
Y01 3117-01	FONTANA B + O	1319	8	15	5	5	34	06	23	117	25	36	420	SB 18	1911		36	
Y01 3117-03	FONTANA HERALD NEWS	1285	8	15	5	5	34	06	03	117	26	04	420	SB218			36	
Y01 3117-04	FONTANA UNION #	1280	8	15	5	5	34	06	16	117	26	04	410	SB194	1917		36	
Y01 3117-05	FONTANA CO YDS	1275	24	15	4	5	34	05	59	117	37	36	420	SB205	1959		36	
Y01 3117-06	FONTANA POWERHOUSE 2	1588	22	14	5	5	34	09	20	117	23	48	410	SB 75	1927		36	
Y01 3118	FONTANA 5 N	1972	18	14	5	5	34	10	57	117	26	32	900	SB 17	1927		36	
Y01 3120	FONTANA KAISER	1070	15	15	6	5	34	05	117	50		900	SB138	1950		36		
Y01 3121	FONTANA SEWAGE	960	36	15	6	5	34	05	117	50		440	SB236			36		
Y01 3129-67	FOREST FALLS	5100	18	15	14	5	34	05	20	116	56	19	420	SB173A	1960		36	
W24 3243-02	FREEMAN STATION	3910					35	45	40	117	55	04	405				15	
U05 3279	FULLERTON ARROUES RCH	930	15	35	10	5	33	54	117	55		900			1940		30	
U05 3285	FULLERTON DAM	340	24	35	10	5	33	54	117	55		900			1948		30	
U05 3288	FULLERTON HILLCRST RE	340					33	52	117	54	13	400			1934		30	
U05 3288-01	FULLERTON KNOWLTON	195					33	52	15	117	54	24	415	O 28A			30	
U05 3289-02	FULLERTON PUMP PLANT	150					33	50	54	117	55	26	415	O 28B			30	
U05 3289-03	FULLERTON A P	94					33	52	13	117	58	34	415	O 126A			30	
U05 3289-20	FULLERTON OCCFO YARD	163					33	52	05	117	54	10	415	O 162	1960		30	
U04 3315-05	GARAPITO CREEK	1850					34	07	33	118	33	25	410	F1165	1963		70	
Y01 3336-21	GARDEN GROVE CO YD	90					33	46	13	117	56	03	415	O 116			70	
U04 3345-11	GARAPATA CYN	1415					34	07	44	118	34	42	410	F1023B	1948		70	
W01 3369	GEM LARK	8970	19	25	26E	M	33	45	57	118	38	28	900			1924		42
T14 3402	GIBRALTAR DAM 2	1550	11	54	27	5	34	31	24	119	41	18	900			1957		42
Z07 3410	GILLESPIE FIELD	370					32	49	116	58		900			1959		90	
U05 3430	GIRARD BRANT RANCH	876					34	10	16	118	35	56	410	F 21	1912		70	
U05 3430-11	GIRARD RESERVOIR	986					34	09	07	118	36	36	410	F 20B	1947		70	
Y01 3438-20	GLEN AVON FIRE DEPT	253	10	25	6	W	34	43	117	29	37	431	R	1962		33		
U05 3450	GLENDALE STAPENHORST	530	14	13	13	5	34	09	07	118	45	40	410	F 2950	1910		70	
U05 3450-01	GLENDALE-JONES	615					34	09	54	118	15	01	410	F 216	1926		70	
U05 3450-02	GLENDALE-MCINTYRE	603					34	09	118	14	27	410	F 703	1940		70		
U05 3452	GLENDORA WEST FC 185	822					34	08	23	117	51	33	410	F 105	1891		70	
U05 3452-01	GLENDORA-BROWN	835					34	08	50	117	52	01	410	F 389B	1935		70	
U05 3452-02	GLENDORA-ENGLEWLD RCH	1165	11				34	09	22	117	50	57	410	F 73	1925		70	
U05 3452-03	GLENDORA-MCICO	782					34	08	22	117	51	54	410	F 287	1929		70	
U05 3452-04	GLENDORA-WARREN	960					34	07	57	117	49	09	410	F 174			70	
Y01 3458-11	GLEN IVY	1100	3	55	6	W	33	45	54	117	29	10	16	R	1905		33	
X10 3482	GOFFS	2620	26	10N	18E	E	34	56	116	04		900	SB179			36		
X26 3489	GOLD ROCK RANCH	485	9	155	20E	E	32	53	114	52		900			1947		13	
T09 3507-05	GOODWIN RANCH	1625	10	30S	15E	W	35	19	30	120	21	430	L 601	1931	10	40		
U05 3511-11	GORMAN	3680					34	47	16	118	49	55	410	F 296B	1946		70	
U05 3535	GRANJA PUMP PLT	1300					34	17	44	118	31	30	410	F 29C	1964		70	
W26 3576-20	GRASSY HOLLOW	7360					34	22	30	117	43	05	410	F*424	1957		70	
Y01 3609	GREEN CANYON SPRINGS	7000	29	24	2E	E	34	13	116	48	10	420	SB 70A			70		
U05 3663-04	GRIFFITH PK NURSERY	850					34	07	14	118	17	04	410	F 257	1930		70	
U05 3663-06	GRIFFITH PK ZOO	600					34	08	02	118	17	18	410	F 375B	1933		70	
U05 3663-08	GRIFFITH FERN DELL	750					34	07	12	118	18	20	410	F 757	1947		70	
U05 3663-09	GRIFFITH LIT CN	625					34	07	32	118	16	38	410	F 755	1947		70	
U05 3663-10	GRIFFITH LWR MINERAL	625					34	08	48	118	17	48	410	F 759	1947		70	
T12 3680	GUADALUPE F + L FARM	100					34	49	48	120	32	44	833			1930	1963	40
Y01 3682-51	GUASTI WINE	975	24	15	7	W	34	33	55	117	35	10	411	SB 75	1916		36	
U05 3686-20	GUFFY CAMP	8080					34	20	25	117	38	57	410	F*427	1957		70	
U05 3703	HAINES CANYON LOWER	2450	17	24	13	5	34	15	50	118	16	13	410	F 364	1918		70	
U05 3704	HAINES CANYON UPPER	3450	4	24	13	5	34	16	15	118	15	07	410	F 367	1916		70	
W03 3710	HAIWEE	3610	2	21S	37E	W	36	08	117	57		405			1923		14	
W24 3710-11	HAIWEE POWERHOUSE	3583					36	06	117	57	16	405			1937		56	
U03 3735	HALL CANYON RES	190					34	16	47	119	15	33	410	V 4379			56	
U05 3734-10	HAMILTON BOUL LOWER BE	60					33	47	31	118	10	16	410	F 437	1937		70	
Y01 3748-11	HANFORD PLANT	1030	10	15	4	W	34	06	07	117	17	28	436	SB 66	1932		36	

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Number	Station Name	Elevation in Feet	Section	Easiness	Range	Altitude Feet	Barometer	Latitude			Longitude			Temperature Number	Precipitation Number	Revised Begin	Revised End	Number of Missing Years	County	Index	
								Degrees	Minutes	Seconds	Degrees	Minutes	Seconds								
074 9751	HANSEN DAM	1110	18	24	144			34	16	08	118	25	56	410	F 436C	1940				70	
119 3797	HARRIS DAING STN	32	23	04	344			34	46	00	120	25	50	400							42
033 3812-01	HASLEY TAYLOR	1725						34	25	44	118	41	04	410	F 1022	1948					70
035 1851-2	HAY DENNIS BASIN	1925						34	18	28	118	44	17	410	F 432	1957					70
016 3855	HAYFILL PUMP PLANT	1370	28	53	436			33	42	00	118	35	00	400							33
026 3874-51	HEALWICKS PUMP PLT	470						34	09	21	118	18	02	410	F 472D	1930					70
111 3889	HEARST RANCH	150	23	26	75			33	39	30	121	11	10	430	L 08	1938					40
121 3888-02	HEARST CASTLE	1811	12	26	75			35	41	12	121	10	32	400	L 112	1946					40
Y22 3894	HEMET	1437	11	55	14			33	45	15	116	57	00	400							33
026 3911	HENNINGER PLATE	2550	1	14	14			34	11	36	118	05	17	410	F 235C	1930					70
023 3914	HENSHAW DAM	2770	12	115	28			33	14		116	44		400							90
Z14 3914-01	HENSHAW F 36 EVAP PAN	2730						33	14		116	44	18	432							90
Z13 3914-02	HENSHAW L 36 EVAP PAN	2650						33	14	18	116	44	17	432							90
08 3915	HESPERIA	3128	21	44	44			34	45	26	117	18	11	400							70
028 3935-01	HESPERIA FFS	3175	21	44	44			34	45	25	117	18	01	424	30 42 30 195	1939					36
U 4 3947-01	HIDDEN SPRINGS	2850						34	19	24	116	07	18	440	F 1076	1954					70
111 3951-11	HIGHT CROVE	3140	7	25	64			34	17	30	117	16	46	410	F 3822	1962					70
030 3961-35	HIGHLAND FARM	2130	33	26	162			34	37	30	120	15	17	40	L 122	1948					70
05 3963-52	HIGHLAND PK	850						34	07	57	118	10	17	410	F 384	1940					70
035 3963-53	HIGHLAND PAULINEY	621						34	07	36	118	10	31	410	F 334	1935					70
005 3971	HILLCREST COUNTY CO HINKLEY SN	1289						34	02	34	118	44	06	410	F 604	1931					30
028 3997-02	HILLCREST COUNTY CO HI VISTA FARM	2559	28	114	34			35	02		117	11	50	414	F 3631	1962					30
026 3997-11	HILLCREST COUNTY CO HOLDSWAM DAM	3175						34	44	39	117	48	57	412	F 415B	1951					70
005 4 17	HOOGEES FC 50A	7050	23	24	114			34	12	31	117	02		410	F 604	1931					70
Z16 4 17-01	HOLLERQUE RANCH	3440	22	145	22			34	12	16	116	45	41	411	30 117	1935					70
Z15 4 17-02	HOLLERQUE RANCH	3112						34	11	25	116	40	46	410	F 415B	1937					70
006 4 31-01	HOLLYWOOD	925						34	25	28	118	11	32	410	F 136	1940					30
006 4 32-01	HOLLYWOOD DAM	751						34	07	39	118	11	32	410	F 238	1920					30
Y12 4 32-02	HOMELAND IN RET 17	1470	17	53	14			33	44	33	117	06	27	431	F 238	1940					30
Z12 4 33	HOWELL RANCH	1300	3	75	44			33	35	41	117	26	47	431	N	1965					33
Z10 4 34-01	HUASNA	1970	29	124	32			35	06		120	47	17	430	L 04	1929					40
Y11 4 37-01	HUNTINGTON BEACH	75						33	39	39	117	07	37	411	F 492	1951					30
Y11 4 37-02	HUNTINGTON BEACH COH	75						33	40	44	118	02	42	411	F 131	1931					30
Y16 4 38-01	HUNTINGTON PARK	174						33	59		118	13	49	410	F 1901	1927					70
026 4 38-02	HUNT TAYLOR	3263						34	32	44	116	53	37	411	F 1000	1945					70
030 4 38-03	TAIN PINES	3440	32	53	46			33	51	52	116	42	48	411	R	1919					33
Y19 4 39-01	LYLLA HILL S	1347	7	50	31			33	44	46	116	44	49	410							33
029 4 39-02	IMPERIAL	86	18	25	140			33	39	39	117	07	37	411	F 492	1921					30
034 4 39-04	IMPERIAL FAA AP	86	18	25	140			33	39	39	117	07	37	410							13
013 4 39-05	INDEPENDENCE	3440	18	135	34			34	42		116	31		402							1966
039 4 39-08-11	INDIO	1	26	55	78			33	42	47	116	23	12	411	R	1958					33
019 4 39-09	INDIO JO GATE GARDEN	11	16	51	76			33	44		116	27		400							33
016 4 39-10	INLETAQUE FA	149						33	57	54	117	44	17	440	F 1160	1919					70
034 4 39-11	IRVINE CR	2441	9	26	34			33	34		117	47		400							15
024 4 39-12	IRVINE KERN ARMITAGE	2214	9	26	43			33	41		117	44		400							1944
025 4 39-13	IRON MOUNTAIN	5321						34	21	26	117	13	46	410	F 1162	1963					15
Y10 4 39-14	IRVINE CO AIRFIELD	921	10	14	161			34	08		118	08	42	411	F 1014	1935					30
Y11 4 39-15	IRVINE CO AIRFIELD	107						33	40	37	117	45	34	410	F 1025	1930					30
Y11 4 39-16	IRVINE CO AIRFIELD	100						33	40	37	117	47	34	415	F 1044	1930					30
Y 1 43 01-01	IRVINE CO HOME COH	137						33	43	50	117	46	54	411	F 021	1877					30
Y11 43 01-02	IRVINE CO HOME COH	921						33	39	23	117	43	43	410	F 04						30
Y11 43 01-03	IRVINE CO LAMBERT	430						33	41	46	117	41	38	411	F 07						30
Y11 43 01-04	IRVINE CO LAMBERT	430						33	41	46	117	41	38	411	F 07						30
Y11 43 01-05	IRVINE CO LAMBERT	430						33	41	46	117	41	38	411	F 07						30
Y11 43 01-06	IRVINE CO LAMBERT AUTO	430						33	41	46	117	41	38	411	F 07						30
Y11 43 01-07	IRVINE CO LAMBERT AUTO	430						33	41	46	117	41	38	411	F 07						30
Y11 43 01-08	IRVINE CO LAMBERT AUTO	430						33	41	46	117	41	38	411	F 07						30
Y11 43 01-09	IRVINE CO LAMBERT AUTO	430						33	41	46	117	41	38	411	F 07						30
Y11 43 01-10	IRVINE CO LAMBERT AUTO	430						33	41	46	117	41	38	411	F 07						30
Y11 43 01-11	IRVINE CO LAMBERT AUTO	430						33	41	46	117	41	38	411	F 07						30
Y11 43 01-12	IRVINE CO LAMBERT AUTO	430						33	41	46	117	41	38	411	F 07						30
Y11 43 01-13	IRVINE CO LAMBERT AUTO	430						33	41	46	117	41	38	411	F 07						30
Y11 43 01-14	IRVINE CO LAMBERT AUTO	430						33	41	46	117	41	38	411	F 07						30
Y11 43 01-15	IRVINE CO LAMBERT AUTO	430						33	41	46	117	41	38	411	F 07						30
Y11 43 01-16	IRVINE CO LAMBERT AUTO	430						33	41	46	117	41	38	411	F 07						30
Y11 43 01-17	IRVINE CO LAMBERT AUTO	430						33	41	46	117	41	38	411	F 07						30
Y11 43 01-18	IRVINE CO LAMBERT AUTO	430						33	41	46	117	41	38	411	F 07						30
Y11 43 01-19	IRVINE CO LAMBERT AUTO	430						33	41	46	117	41	38	411	F 07						30
Y11 43 01-20	IRVINE CO L																				

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INDEX OF CLIMATOLOGICAL STATIONS FOR 1964-65
SOUTHERN CALIFORNIA

Station		Elevation (in Feet)	Section	Township	Range	S.W. 1/4 of Section	Latitude and Meridian		Compass Number	Compass Index Number	Month Began	Month Ended	Number of Missing Parts	County Index
Number	Name						Degrees	Minutes						
022 4668-51	WILSON, REJ.	215					34 25 35	119 17 43	410	V 122			56	
023 4668-33	ARMER JUNCTION P C	2477	5 10N	6 W	5		34 59 27	117 32 37	410	5B22H	1962		76	
026 4671-04	KRATA SKI LIFT	6810					34 21 08	117 53 46	410	F 1154	1961		70	
005 4621-01	LA CANADA	1260					34 12 14	118 11 40	410	F 1774	1912		70	
005 4621-11	LA CANADA ARROY SECO	1155					34 11 52	118 11 05	410	F 508	1927		70	
004 4628	LA CRESCENTA FC 251	1565	28 2N	15W			34 13 31	118 14 24	410	F 251	1+30		70	
015 4628-11	LA CRESCENTA-TORDOLPT	1411					34 13 27	118 15 23	410	F104HB	1951		70	
015 4628-23	LA CRESCENTA GREGG	1845					34 13 51	118 13 53	410	F1161	1963		70	
005 4664-01	LA RESA S E C	605		35 14W			33 52 37	118 17 55	410	F1008E	1946		70	
Z01 4647	LABUNA BEACH	56	24 7S	7W			33 32	117 47	400		1931		30	
Z01 4647-11	LAGUNA BEACH 0-29	35					33 32 36	117 46 54	410	J 44			30	
015 4647-11	LAGUNA BELL 55	140					33 58 47	118 08 48	410	F 289	1930		70	
015 4650-11	LA HABRA	315					33 55 54	117 56 38	410	C 157A			30	
015 4650-33	LA HABRA MTS MW CO	445					33 56 55	117 57 41	410	F1068R	1955		30	
026 4671	LAKE ARRIFHEAD	9253	22 2N	14			34 15	117 12	427	S 140	1891		36	
X13 4668-51	LAKELAND VILLAGE	1314	13 0S	24			33 38 15	117 00 44	410	K 125	1933		30	
Z19 4667-51	LAKE LOVELAND	1443	17 16S	2E	5		32 46 52	116 47 38	411		1944		90	
Y11 4688-01	LAKE MATHES 1	1375	7 4S	5W			33 40 38	117 24 47	417	MWJ			33	
Y11 4688-02	LAKE MATHES 2	1443	10 4S	5W			33 40 25	117 43 74	417	MWJ			33	
Y 1 4687-53	LAKE MATHES 3	3163	1 4S	6W	10 0 0		33 50 45	117 27 16	417	MWJ			34	
Z35 4694	LAKE O'NEILL	150	5 10S	4W			33 19	117 19	414				90	
014 4706-11	LAKE SHERWOOD	400					34 08 26	118 52 31	410	F 377F	1912		56	
Z 7 4711	LAKE SIDE 2 ENE	450	19 19S	1E	5		32 52	116 59	400			37	90	
Z 4 4726	LAKE WOLFORD	1500	12 11S	1W	5		33 10 12	116 59 47	900				90	
015 4727-11	LAKEWOOD	55					33 51 44	118 07 41	410	F1118R	1956		70	
005 4732-11	LA MIRADA	86	19 16S	1W	5		33 53 13	118 06	410	F 156	1923		70	
Z08 4735	LA MESA	528					32 46	117 01	900				90	
026 4747-73	LANCASTER	2354	15 7N	14W	E	5	34 42	118 38 45	900			3	90	
026 4747-02	LANCASTER HMS	2345					34 40 57	118 08 02	410	F 455	1940		70	
026 4747-73	LANCASTER MCCARGAR	2315					34 46 20	118 01 40	410	F1056			70	
026 4747-04	LANCASTER WILEY	2470					34 40 44	117 57 14	410	F 490C	1944		70	
005 4748-21	LANKERSHIM P P	717					34 11 39	118 03 17	410	F 220C	1929		70	
005 4777-11	LA PUENTE	460					34 01	117 55 15	410	F1125	1958		70	
014 4814-11	LAS FLORES CANYON	63					33 18	118 38 56	410	F 487C			70	
013 4814-11	LA SIERA F S	720	10 3S	6W	5		33 55 07	117 29 11	431	R	1955		33	
026 4827	LATIGO CANYON BEACH	1700		15 17W			34 05 35	118 48 52	410	F 443B	1953		70	
015 4831-11	LATONA	1185					34 14 33	118 14 37	410	F1107D	1956		70	
015 4831-11	LA VERNE POL DEPT	1050					34 06 03	117 46 12	410	F 196B	1947		70	
005 4832-58	LA VIDA SPRINGS	670					33 55 53	117 47 43	410	F1066			70	
014 4847-65	LAWNDALE F S	60					33 53 43	118 20 35	410	F1144	1962		70	
005 4840	LA VFRN HTS FC 56R	1245					34 07	117 45	300				70	
004 4867	LECHUZA PATROL STN	1600	16 15	19W	5		34 04 38	118 52 47	900	352B	1933		70	
011 4867-11	LEMON HTS SPRINGEN	350					33 45 24	117 46 48	410	G 142			30	
026 4891-01	LEONIS VALLEY	3200					34 17 11	118 17 08	410	F 122F	1927		70	
013 4943	LIMONEIRA RANCH	335					34 19 55	118 07 48	416	V 18	1904		56	
018 4943	LINN RANCH	800	7 26S	12E	F W		35 43 06	120 43 24	416	L 54	1926		48	
010 4974-10	LITTLE CAJUCOS WAKEN	440	7 28S	1E	M		35 30	119 25 30	410	L 173	1964		40	
013 4975-01	LITTLE GLEASON	5600					34 22 43	118 08 57	410	F 1074	1954		70	
024 4979-02	LITTLE LAKE	3910					35 57 07	117 55 41	435				14	
015 4979-04	LITTLE LAKE VLY VISFS	1645	13 4S	14	5		33 44 42	116 59 53	431	R	1960		33	
026 4983	LITTLE ROCK	2815					34 32 07	118 27 37	410	F 294D	1930		70	
026 4985	LITTLE ROCK CREEK	3120					34 29 45	118 01 33	410	F 195L	1927		70	
015 4986-01	LITTLE TUJUNGA NS	1275	5N	11W			34 17 17	118 41 38	410	F1072	1953		70	
005 4986-05	LITTLE TUJUNGA WOLU C	1700					34 19 43	118 40 14	410	F1141	1960		70	
005 4993-01	LIVE OAK CYN DND	1510					34 08 62	117 44 38	410	F 445B	1939		70	
Z05 4323	LOCKWOOD MESA	230	1 14S	4W	5		32 59	117 15	400		1929	0	90	
003 4324-10	LOCKWOOD VALLEY	5150					34 44 33	119 36 04	410	V 269	1961		56	
014 5040-01	LOMPOC	503					34 35 53	120 27 08	414	42 395			42	
023 5068-02	LONG PINE	3720					36 36 01	119 03 38	410	F 122F			14	
005 6082	LONG BEACH	63	1 5S	13W			33 46	117 11 30	900	F 575L			70	
005 5082-05	LB-ALAMITOS LAND CO	183					33 46 06	118 11 24	410	F 224B	1894		70	
014 5082-18	LB-CITY AUTOMATIC	35					33 47 18	118 13 08	410	F 565B			70	
015 5082-08	LB-MO 1	35					33 46 46	118 09 36	410	F 566	1925		70	
005 5082-11	LB SAN ANSELMO	40					32 47 38	115 07 11	410	F1116	1910		70	
005 5087-11	LB-60TH + LINDEN	55					33 52 21	118 11 55	410	F 666F	1932		70	
015 5082-12	LB-37TH + GAVIOTA	35					33 49 46	118 10 36	410	F 667C	1937		70	
005 5082-13	LB-VEVTS MEM BLDG	116					33 46 17	118 11 32	410	F 241C	1946		70	
005 5087-14	LB-WOODRUFF AVE	10					33 46 41	118 14 05	410	F1064F	1958		70	
005 5085	LONG BEACH #4 64	36					33 45	118 09	400				70	
005 5098-11	LODMIS RANCH ALGER CR	4300	22 3N	11W			34 0 55	118 02 55	410	F 541	1931		70	
015 5098-25	LOPEZ CYN GD STA	1350					34 17 54	118 23 41	410	F 550	1961		70	
015 5106-11	LOS ALAMITOS	273					33 48 38	118 04 34	410	O 156			70	
005 5106-20	LOS ALAMITOS P R AUTO	7					33 44 24	118 05 48	410	O 170	1959		30	
013 5117	LOS ALAMOS	565	9 0	8N	4 W	5	36 45	120 17	900				42	
005 5111-01	LA CITY COLLEGE	345					34 05 14	118 17 26	410	F 3546	1932		70	

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SOUTHERN CALIFORNIA

Number	Station Name	Elevation in Feet	Section	Township	Range	30 Arc East	Base and Meridian	Latitude				Elevation Number	Temperature Index Number	Period Began	Period Ended	Number of Missing Years	County Code
								Degrees		Minutes							
								North	West	North	West						
006 4111-2	LA FLANK LIBRARY	233						34 02	118 18 46	+10	F 27HF	1930				70	
006 4111-03	LA 33 SURVEYOR	121						33 56 56	118 14 17	+10	F 291	1930				70	
006 4111-04	LA COMMON ST	326						34 03 03	118 14 13	+10	F 716	1942				70	
006 4111-06	LA MAL JUEAN	225						34 04 13	118 19 23	+10	F 1019B	1961				70	
006 4111-07	LA 20 W HILL	165						34 03 03	118 14 46	+10	F 154B	1962				70	
006 4111-08	LA WITT BTH ST	173						33 57 58	118 18 24	+10	F 676	1919				70	
006 4111-09	LA ADJUDICAT INTAKE	3441	24	11S	34E	W	M			+00						14	
006 4111-09*	LOS ANGELES - ANDES A P	175						34 03 32	118 21 25	+10	F 213F	1929				70	
006 4111-20*	LA 7TH W TEMPLE CT	375						34 03 32	118 14 50	+10	F 1156	1962				70	
006 5114	LOS ANGELES WD AP	49						33 56 10	118 23 12	+00						70	
005 4114	LOS ANGELES CITY	412		15	13W	5		34 03 17	118 14 26	+00		1877				70	
114 4147	LOS PRIETOS R S	1036		5N	28W	5		34 32 42	119 47 06	+00		1941				42	
202 4144	LIVELAND DAM	1430		17	16S	27		32 46 52	116 47 48	+34		1944				90	
006 4144	LIVER FRANKLIN RES	589		10	15	15W		34 05 43	118 44 40	+00	F 794	1966				70	
211 4162	LIVER ITALY RESERVOIR	570		13	18W	14A		32 26 70	116 55 36	+00		1906				90	
001 4182	LIVERNE VALLEY 1 W	3614	15	4N	14W	6		34 26	116 58	+00		1949				36	
001 4182-11	LIVERNE VALLEY 2 W	2979	9	4N	14W	6		34 27	116 59	+00		2059				36	
006 4182-20*	LIVERNE DIAGONAL AREA	3267						34 14 15	114 11 43	+10	F 431	1957				70	
006 4193-3*	LINADA RA	357						33 46 37	118 26 14	+10	F 1135B	1958				70	
001 5212	LYTLE CK FOOTHILL BL	1162	6	10	4W			34 07	117 70	+10	F 5159	1947				36	
001 5212-1*	LYTLE CREEK SB 1947	2366	6	10	4W			34 12 16	117 26 57	+44	F 5177	1927				36	
001 5212-32	LYTLE CREEK SB 1947	1274	31	10	4W			34 07 26	117 20 53	+36	F 5188	1948				36	
001 4215	LYTLE CREEK PH 1	2226	6	10	4W			34 12 07	117 27	+00	F 5182	1938				36	
001 4214	LYTLE CREEK R S	2760	26	29	4W			34 16	117 29	+00	F 5187	1930				36	
2 4234-1	MADOLE L EDWARDS BAS	965						34 09 17	117 57 31	+10	F 1003	1955				70	
006 4256	MAGIC MOUNTAIN	4400						34 23 45	118 17 11	+00		1948				70	
2 4256-3	MALIBU RES PT 1	800	21	10	18W			34 08 42	118 49 08	+10	F 434	1938				70	
006 4256-2	MALIBU BURN-LUNNE	160						34 02	118 47 44	+10	F 1025	1949				26	
006 4256-01	MAMMOTH	4433						34 05 56	118 45 53	+00		1947				70	
006 4256-11	MANNVILLE CANYON	1028						34 07 10	118 30 10	+10	F 567	1947				70	
005 4296-12	MANNVILLE FIRE RD 24	1629						34 07 38	117 30 03	+10	F 766	1947				70	
005 4296-31	MANHATTAN BEACH	162						32 53	118 25 19	+10	F 1070	1943				70	
006 4335-1	MARSH SAUND	4700						34 14 21	118 26 48	+10	F 73	1947				70	
006 4335-21	MAR VISTA C 2 W	1347						34 29 42	117 18 45	+10	F 134	1943				56	
002 44 80-1	MATILAJA DAM	1347								+10	F 134	1943				56	
002 44 80-2	MATILAJA DAM	163						34 28 43	117 18 48	+18	F 20	1925				56	
002 44 80-3	MATILAJA DAM	1123						34 29 17	117 17 47	+16	F 147	1952				56	
002 44 80-4	MATILAJA DAM	1940						34 30 24	117 11 16	+16	F 147	1960				56	
002 44 80-11	MC CLURE JURRIS BAS	1 19						34 42 46	118 19 46	+10	F 1029	1959				70	
003 44 86-21	MC WILLIAM CANY W	164		32	25S	19E		37 43 03	120 26 28	+10	F 43	1947				40	
004 44 89-1	ME NICE RANCH	1660	23	25S	14E			35 17 31	120 27	+30	L 124	1951				9	
004 44 89-2	MECCA RISE	157	23	25	9E			35 33	116 07	+00		1931				33	
004 44 89-3	MESA	1120	8	25	9E			33 34 17	116 04 46	+31	K	1958				40	
004 44 89-4	MEHER MTN	1377						34 24 44	114 10 27	+16	V 163	1956				36	
004 44 89-5	MENFONTE F3 DR 101	1767	22	15	4W			34 04 17	117 07 57	+25	F 1020	1952				56	
001 44 91-1*	MENFONTE SE 101	141	13	15	2W			34 04 7	117 28 22	+13	F 1049	1929				36	
001 44 91-4*	MENFONTE GREEN DR 1	2014	21	15	2W			34 04 17	117 05 47	+49	H 212	1958				36	
006 44 92-1	MENFONTE GREEN DR 2	3171						34 04 17	117 05 47	+10	F 442	1939				70	
006 44 92-2	MENFONTE GREEN DR 3	5003						34 04 17	117 05 47	+10	F 1148	1964				70	
001 44 92-3	MENFONTE GREEN DR 4	2943	13	15	2W			34 04 17	117 07	+00	F 1043	1903				36	
001 44 92-4	MENFONTE GREEN DR 5	4946	13	15	2W			34 05 27	116 56 19	+00	F 1055	1930				36	
001 44 92-5	MENFONTE GREEN DR 6	4958						34 05 27	116 56 17	+00		1931				36	
001 44 92-6	MENFONTE GREEN DR 7	4958						34 05 27	116 56 17	+00		1931				36	
001 44 92-7	MENFONTE GREEN DR 8	4958						34 05 27	116 56 17	+00		1931				36	
001 44 92-8	MENFONTE GREEN DR 9	4958						34 05 27	116 56 17	+00		1931				36	
001 44 92-9	MENFONTE GREEN DR 10	4958						34 05 27	116 56 17	+00		1931				36	
001 44 92-10	MENFONTE GREEN DR 11	4958						34 05 27	116 56 17	+00		1931				36	
001 44 92-11	MENFONTE GREEN DR 12	4958						34 05 27	116 56 17	+00		1931				36	
001 44 92-12	MENFONTE GREEN DR 13	4958						34 05 27	116 56 17	+00		1931				36	
001 44 92-13	MENFONTE GREEN DR 14	4958						34 05 27	116 56 17	+00		1931				36	
001 44 92-14	MENFONTE GREEN DR 15	4958						34 05 27	116 56 17	+00		1931				36	
001 44 92-15	MENFONTE GREEN DR 16	4958						34 05 27	116 56 17	+00		1931				36	
001 44 92-16	MENFONTE GREEN DR 17	4958						34 05 27	116 56 17	+00		1931				36	
001 44 92-17	MENFONTE GREEN DR 18	4958						34 05 27	116 56 17	+00		1931				36	
001 44 92-18	MENFONTE GREEN DR 19	4958						34 05 27	116 56 17	+00		1931				36	
001 44 92-19	MENFONTE GREEN DR 20	4958						34 05 27	116 56 17	+00		1931				36	
001 44 92-20	MENFONTE GREEN DR 21	4958						34 05 27	116 56 17	+00		1931				36	
001 44 92-21	MENFONTE GREEN DR 22	4958						34 05 27	116 56 17	+00		1931				36	
001 44 92-22	MENFONTE GREEN DR 23	4958						34 05 27	116 56 17	+00		1931				36	
001 44 92-23	MENFONTE GREEN DR 24	4958						34 05 27	116 56 17	+00		1931				36	
001 44 92-24	MENFONTE GREEN DR 25	4958						34 05 27	116 56 17	+00		1931				36	
001 44 92-25	MENFONTE GREEN DR 26	4958						34 05 27	116 56 17	+00		1931				36	
001 44 92-26	MENFONTE GREEN DR 27	4958						34 05 27	116 56 17	+00		1931				36	
001 44 92-27	MENFONTE GREEN DR 28	4958						34 05 27	116 56 17	+00		1931				36	
001 44 92-28	MENFONTE GREEN DR 29	4958						34 05 27	116 56 17	+00		1931				36	
001 44 92-29	MENFONTE GREEN DR 30	4958						34 05 27	116 56 17	+00		1931				36	
001 44 92-30	MENFONTE GREEN DR 31	4958						34 05 27	116 56 17	+00		1931				36	
001 44 92-31	MENFONTE GREEN DR 32	4958						34 05 27	116 56 17	+00		1931				36	
001 44 92-32	MENFONTE GREEN DR 33	4958						34 05 27	116 56 17	+00		1931				36	
001 44 92-33	MENFONTE GREEN DR 34	4958						34 05 27	116 56 17	+00		1931				36	
001 44 92-34	MENFONTE GREEN DR 35	4958						34 05 27	116 56 17	+00		1931				36	
001 44 92-35	MENFONTE GREEN DR 36	4958						34 05 27	116 56 17	+00		1931				36	
001 44 92-36	MENFONTE GREEN DR 37	4958						34 05 27	116 56 17	+00		1931				36	
001 44 92-37	MENFONTE GREEN DR 38	4958						34 05 27	116 56 17	+00		1931				36	
001 44 92-38	MENFONTE GREEN DR 39	4958						34 05 27	116 56 17	+00		1931				36	
001 44 92-39	MENFONTE GREEN DR 40	4958						34 05 27	116 56 17	+00		1931				36	
001 44 92-40	MENFONTE GREEN DR 41	4958						34 05 27	116 56 17	+00		1931				36	
001 44 92-41	MENFONTE GREEN DR 42	4958						34 05 27	116 56 17	+00		1931				36	
001 44 92-42	MENFONTE GREEN DR 43	4958						34 05 27	116 56 17	+00		1931				36	
001 44 92-43	MENFONTE GREEN DR 44	4958						34 05 27	116 56 17	+00		1931				36	
001 44 92-44	MENFONTE GREEN DR 45	4958						34 05 27	116 56 17	+00		1931				36	

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SOUTHERN CALIFORNIA

Station Number	Station Name	Elevation in Feet	Section	Township	Range	SB in Twp	E-W Meridian	Latitude				Longitude Magnetic	Compass Number	Rev'd of Bearing	Revised Index	Number of Missing Plots	County
								Hygres	Minutes	Seconds	Hygres							Minutes	Seconds
T10 5867	MORRO BAY	100	25 29E	10E	M	35 21	170 50	10	430	L 115	1947						40
T10 5869	MORRO BAY 3 N	470	12 29E	10E	M	35 25	170 51		900								40
U05 5871	MORRIS DAM	1210	13 1N	10W		34 10 53	117 52	43	410	F 390B	1933						70
Y01 5910	MT BALDY FC 85F	4300	19 2E	7W		34 14 12	117 39	32	410	F 855	1920						70
W26 5911-01	MT BALDY	8650				34 16 53	117 37		410	F 1109	1955						70
Y01 5901	MT BALDY NOTCH	7735	3 2E	7W		34 16 25	117 36 50		900								36
U05 5919-06	MT DISAPPOINTMENT	5725				34 14 42	118 06 07		410	F 1138	1959						70
U05 4966-01	MT ISLIP	7650				34 20 55	117 40 67		410	F 1078	1949						70
U05 4966-01	MT LOWE	4435	26 2N	12W	S	34 13 37	118 06 33		410	F 5960	1926			5		70	
U05 5967-01	MT LUKENS	5047				34 16 05	118 14 06		410	F 365C	1928						70
U03 5971-50	MT PINOS STORAGE WAGE	7900				34 48 41	119 06 47		416	V 200	1959						56
U05 5976-0R	MT SAN ANTONIO COL	780				34 02 58	117 50 14		410	F 2550	1930						70
U05 5979-21	MT ST MARYS COL	1025				34 06 10	118 28 47		410	F 264C	1930						70
U05 6309-0K	MT WILSON OBSERVATORY	4650				34 13 27	118 03 50		410	F 3384	1933						70
U05 6306	MT WILSON FC 938B	5709	29 2N	11W	E	34 13 36	118 03 57		410	F 3388	1940						70
U05 6028-15	MULHOLLAND DR KIRKMAN	1365				34 07 52	118 24 44		410	F 765b	1947						70
U05 6028-21	MULHOLLAND FS	1103				34 07 45	118 24 20		410	F 112	1929						70
W26 6034-11	MUNZ VALLEY RCH	2600				34 42 53	118 21 15		410	F 332	1930						70
Y01 A 36-01	MURDY RCH	3102				33 43 21	118 46		415	O 103							90
Z07 A 39-11	MURRAY DAM	520	13 16E	2E	E	32 46 51	117 07 36		416		1913						90
U03 6041-20	MURRIETA DIVIDE SW	3460				34 29 45	119 25 40		416	V 203	1959						56
Z02 6042	MURRIETA SCOS	1131	17 7S	3W	S	33 33 48	117 13 21		431	K	1954						33
U01 6074-01	MUSCOY	1267	10 1N	4W		34 08 17	117 19 54		429	S9201	1940						36
Y01 B 47-10	MUSCOY FIRE DEPT	1270				34 08 50	117 20 10		413	S9201P	1961						36
U03 A 48-11	MUTAH FLATS	4900				34 38 28	119 03 11		416	V 181							56
T09 6156	NACIMIENTO DAM	775	15 25E	10E	M	35 46	170 51		900								40
Z02 6158-01	NATIONAL CITY	35				32 40 04	117 02 42		413	60 13	1957						40
X18 6115	NEEDLES	480	32 9N	23E	E	34 50	114 36		900	S8156	1888						36
X12 6115-11	NEEDLES CO YD	451	32 7N	22E	E	34 50 02	114 35 37		429	S8178	1958						36
X18 6118	NEEDLES FAA AP	913	30 8N	23E	E	34 45 44	114 37 08		900		1940						36
X13 6119-10	NEEDLES PUMPING PLANT	1400	19 7N	23E	G S	34 41 17	114 36 45		429	V 585	1962						36
U03 6147	NEWBURY PARK 2 WNW	685	11 1N	20W		34 11 18	118 56 24		416	V 188	1956						56
U03 6149	NEWBURY PARK 4 SW	750	22 1N	20W	K	34 05	118 58		900		1956						56
U03 6149-01	NEWBURY PARK ACADEMY	810	1 1N	20W		34 11 45	118 56 25		410	V 158							56
U03 6145-01	NEWCOMB PASS	4025				34 14 17	118 01 04		410	F 727B	1946						70
U03 6149-11	NEWHALL RANCH	675	26 4N	18W	E	34 24 18	119 44 10		416	V 25	1812						56
U03 6142	NEWHALL SOLEDAD 32C	1243				34 23 07	119 31 54		900		1941						70
U03 6164	NEWHALL U S RS	1325				34 22 13	119 30 48		410	F 407	1949						70
Y01 6172-31	NEWMARK RES	1415				34 10 21	117 18 44		436	S6166							36
Y01 6175	NEWPORT BEACH HARBOR	8				33 36 59	117 53 57		900		1931						50
U04 6188-20	NICHOLAS CYN	746				34 02 52	118 54 67		410	F 1129	1958						70
U05 6189-17	NICHOLAS DAM BASIN	478				34 06 27	118 24		410	F 759B	1947						70
X17 6186	NIGHTINGALE	4025	10 7S	5E		32 35	116 27		900								33
X23 6197	NITLAND	50	21 10S	14E	E	33 16 41	115 31 23		900		1942						13
T12 6207	NIPOMO 2 NW	360	6 11N	34W	S	35 04	120 30		900		1920						40
T12 6273-04	NIPOMO					34 02 43	120 28 35		913	50 20	1945						40
T14 6211-01	NOJUNCI PARK	680				34 32	120 10 30		413	50 19							42
Y01 6215-11	NORCO	630	6 3S	6W		33 56 52	117 37 53		431	K	1961						33
U05 6256	NORTH HOLLYWOOD	593				34 09 23	118 21 56		410	F 133b	1936						70
U 5 6270-11	NORTHRIDGE	810				34 13 52	118 32 28		405	F 25C	1920						70
U04 6276-01	NO WHITTIER COLE RCH	975				34 26	117 50 42		410	F 104							70
U04 6282-11	NORWALK	85				34 43 52	118 24		410	F 105	1926						70
Y01 6299-20	NUVIEV	1467	18 40	2W	E	33 49 03	117 07 55		431	K	1957						33
U03 6308-20	OLAK FLAT GUARD STA	2800				34 35 56	118 44 15		410	F 1132	1958						70
Y01 6311-12	OLAK GLEN SB 122	4160	27 10	1W		34 03 40	118 28 24		429	S6122	1952						36
X19 6310-13	OLAK GLEN SB 17W	5400	31 15	1E		34 02 17	118 55 02		429	S6174	1957						36
U05 6310-61	OLAK GROVE	1089				34 11 47	118 10 24		410	F 731	1945						70
U02 6333-11	OLBIVIE	505				34 25 42	117 18 03		416	V 140							70
U05 6355-11	OLKWEDE PHILLIPS	2175				34 14 47	118 11 07		410	F 46B	1927						70
X15 6356-01	OASIS	1170	11 8E	8E		34 29 37	116 06 44		431	K	1958						53
Z03 6376-14	OCEANSIDE NO 4	67	19 11S	4W		33 11 38	117 22 37		914	MP224							40
Z02 6377	OCEANSIDE PENDELTON	60	16 11S	5W	S	31 13	117 24 42		900		1953						40
X22 6383	OCTILLO WELLS	175	10 12S	8E	E	33 15	117 24		900		1932						40
U05 6399	OJAI	750				34 26 46	117 24 11		416	V 10	1905						90
U05 6399-02	OJAI COUNTY YARD	750				34 26 58	117 24 13		416	V 139							56
U04 6416-11	OLD TOPANUA	1010				34 06 27	118 37 41		410	F 1070	1952						70
U04 6419	OLINDA	440	8 3S	9W		33 55	117 51		900		1941						70
U03 6439-0K	OLIVE VIEW	1425				34 20 06	118 24 54		410	F 495B	1935						70
U01 6435-71	OLIVE HEIGHTS	230				34 50 16	117 05 43		415	O 136							90
Y01 6457-02	ONTARIO F 5	1030	30 15	7W		34 12 46	117 38 47		429	V 26	1883						36
U01 6457-71	ONTARIO SEAGE PLANT	815	3 27	7W		34 01 45	117 36 17		429	S6200							36
U05 6445	OPIDS CAMP FC 518F	4250	14 2N	12W		34 15 18	118 05 41		900		1916						70
Y01 6472-01	ORANGE	216				33 47 15	117 50 26		415	O 148							90
U02 6544-11	ORTEGA HILL	5055				34 46 37	118 21 46		410	F 160							70
U03 6547-11	ORTEGA MOUNT	2855				34 16 24	118 46 14		410	F 91	1928						70

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Station		Elevation in Feet	Section	Township	Range	40 Acre Tract	Base and Meridian	Latitude			Longitude			Cooperator Number	Cooperator's Index Number	Record Began	Record Ended	Number of Months, Years	County Code
Number	Name							Degrees	Minutes	Seconds	Degrees	Minutes	Seconds						
U03 6569	OXNARD DIST 5 YARD	35						34 12 07	119 12 25	416	V 168	1956						56	
U03 6569-01	OXNARD	51						34 11 24	119 10 24	416	V 32							56	
T12 6571-01	OZENA	3705		21 7N	23W	5		34 42	119 19	500								56	
T12 6576-01	OZENA G S	3600						34 41	119 21 12	416	V 174							56	
Z06 6586-11	PACIFIC BEACH	35						32 47 55	117 15 17	913	80 20							56	
W26 6598-51	PACIFIC MOUNTAIN	6680						34 21 40	118 01 44	410	F1038R	1950						70	
U05 6599-61	PACIFIC PALISADES	320						34 02 38	118 31 36	410	F 4918	1944						70	
U05 6601-21	PACOMA CANYON	2075						34 20 51	118 22 20	410	F 422G	1937						70	
U05 6601-22	PACOMA CYN-CITY RD	3175						34 21 42	118 18 25	410	F 728	1945						70	
U05 6601-24	PACOMA CYNV DUTCH	3220		3N	14W	5		34 21 07	118 20 35	410	F 466B	1941						70	
U05 6601-61	PACOMA RADDATZ	902						34 14 57	118 26 40	410	F 27B	1925						70	
U05 6601-71	PACOMA WAREHOUSE	955						34 15 21	118 24 24	410	F 219	1929						70	
U05 6602	PACOMA DAM FC 33A E	1500	24	3N	15W	5		34 19 48	118 23 59	900	F 219	1931						70	
Y01 6605-11	PADUA HILLS PS	1830						34 08 52	117 41 55	410	F10708	1948						70	
W26 6624	PALMDALE	2655	26	6N	12W	5		34 35	118 07	900	F3510	1931						70	
W26 6624-01	PALMDALE HMS	2662	26	6N	12W	Q 5		34 34 25	118 06 45	410	F 4410	1939						70	
W26 6626-05	PALMDALE-CIRCLE C	2880						34 32 11	118 03 48	410	F1073B	1953						70	
W26 6627	PALMDALE FAA AP	2517	7	6N	11W	5		34 36 59	118 05 02	900								70	
Y01 6628-11	PALMER CANYON	2120						34 09 36	117 42 07	610	F1010B	1946						70	
X19 6633-01	PALM OESERT	263	19	5S	6E	5		33 43 08	116 23 33	431		1958						33	
W26 6634-30	PALM ROCK RANCH	2615						34 35 40	117 56 10	410	F1154	1961						70	
X19 6635	PALM SPRINGS	411	13	4S	4E	5		33 49 34	116 32 41	900		1931						33	
X19 6639-10	PALM SPRINGS N SOFFO	875	10	3S	4E	5		33 55 28	116 32 44	431	R	1958						33	
X19 6640	PALM SPRINGS TRAMWAY	8505	14	4S	3E	5		33 49	116 39	900								33	
U05 6649-11	PALO COMADO CYN	1175						34 09 45	118 44 16	410	F1016	1948						70	
Z02 6657	PALOMAR MTN OBSERV	5560	27	9S	1E	5		33 21	116 51	900		1942						90	
U05 6663	PALOS VERDES ESTATES	216	45	14W				33 48 02	118 23 26	410	F 43D	1927						70	
U05 6663-01	PALOS VERDES	400						33 46 47	118 20 35	410	F 4447	1929						70	
U05 6663-12	PALOS VERDES HILLS FS	1275						33 45 25	118 21 11	410	F1011B	1955						70	
U05 6663-14	PALOS VERDES HILLS HR	1200						33 45 40	118 22 20	410	F1139	1959						70	
Y01 6680-01	PANGRAMA	3760						34 13 35	117 18 29	429	SB130	1936						36	
U05 6681-10	PARKMOUNT-CO FLS	970						33 53 30	118 09 56	411	F 388C	1935						70	
X14 6699	PARKER RESERVOIR	736	5	2N	27E	5		34 17	114 10	900	SB 63	1934						36	
T09 6703-10	PARKFIELD	1590	23	23S	14E	M		35 58	120 26	430	L 127	1950						27	
U05 6715	PASADENA	864						34 08 54	118 08 36	900		1931						70	
U05 6719-02	PASADENA CAL TECH	800						34 08 14	118 07 25	410	F 303F	1930						70	
U05 6719-03	PASADENA CHLORINE PLY	1181						34 12 27	118 10	410	F 612	1916						70	
U05 6719-06	PASADENA-GLEN	1400						34 10 54	118 04 42	410	F 690	1939						70	
U05 6719-08	PASADENA-MUNLBUNT FS	780						34 07 48	118 09 12	410	F 613B	1939						70	
U05 6719-10	PASADENA JOURDAN	705						34 08 52	118 05 14	410	F 795	1949						70	
U05 6719-14	PASADENA MET STA	918						34 09 48	118 09 27	410		3118	1938					70	
U05 6719-18	PASADENA-SHELDON RES	1052						34 10 39	118 09 56	410	F 678	1938						70	
U05 6727-01	PASEO MIRAMAR	700						34 03 34	118 33 25	411	F 770B	1938						70	
T09 6730	PASO ROBLES	700	33	26S	12E	M		35 38	120 41	900		1887						40	
T09 6732-01	PASO ROBLES GERST	1500	14	26S	10E	M		35 40	120 51 30	430	L 44	1925						40	
T09 6742	PASO ROBLES FAA AP	803	13	26S	12E	M		35 40	120 38	900		1944						40	
T09 6743-10	PASO ROBLES(SOH)	720	28	28S	12E	M		35 38	120 41	430	L 164	1954						40	
Y01 6754-11	PATTON	1370	29	1N	3W			34 08	117 12	429	SB170A	1959						36	
W26 6760-01	PAUL	3390						34 29 13	117 50 02	410	F 564C	1915						70	
U05 6760-53	PAULARINO-SHIFFER	47						33 40 55	117 53 26	415	O 47							30	
Y01 6776-21	PEDLEY FIRE STA	170	26	25S	6W	5		33 58 31	117 29 07	431	R	1954						33	
Y02 6812	PERRIS	1570						33 47	117 14	900								33	
F10 6810-10	PERRIS1	470	6	31S	13E	M		35 15 40	120 37 20	430	L 129	1951						33	
Y01 6818-11	PERRIS FORESTRY	1452	30	4S	3W	5		33 47 15	117 13 45	431	R							33	
Y02 6818-12	PERRIS HILL	1280	36	1N	4W	5		34 08	117 16	456	SB163	1935						33	
Y02 6818-16	PERRIS RES EVAP	1448						33 50 04	117 11 59	813		1963						33	
W26 6848-01	PHELAN	4160	24	4N	7W			34 25	117 34	429	SB205	1958						36	
U05 6850-01	PICKENS DEBRIS BAS	1600						34 13 18	118 13 45	410	F 468	1947						70	
Y01 6858-01	PIGEON PASS	1910	23	2S	4W	5		33 45 16	117 16 09	431	R							33	
U03 6862	PIEDRA BLANCA G S	3065	36	6N	22W	M		34 31	119 11	416	V 152	1959						56	
W28 6868-01	PILOT ROCK EVAP	10	2N	4W	K S	5		34 16 16	117 16 53	813	SB220	1960						36	
Y01 6889-01	PINE 2	575	5	3S	7W	5		33 56 46	117 38 25	429	SB 7A	1949						36	
U03 6891	PINE CANYON PAT STN	3284	23	7N	19W	R S		34 40 24	118 25 45	410	F 321E	1931						70	
W26 6891-01	PINE CANYON G S	3810						34 41 55	118 30 35	410	F1117	1956						70	
U03 6902-51	PINE MTN	6743						34 38 22	119 19 19	416	V 176							56	
U05 6902-52	PINE MOUNTAIN	4100						34 13 35	117 54 28	410	F**29	1959						70	
U03 6910	PINE MOUNTAIN INN	4200	18	6N	23W	5		34 36	119 21	900	V 63	1965						56	
U03 6910-01	PINE TREE RANCH	4000						34 22 27	119 50	416	V 87							56	
U03 6940	PIRU 2 ESE HDDTHS	730	27	4N	18W	E S		34 24 22	118 45 22	900	V 101	1928						70	
U03 6941-02	PIRU CANYON	1150						34 30 47	118 45 27	416	V 172							56	
U03 6940-03	PIRU CITRUS ASSN	700						34 24 39	118 47 37	416	V 36	1927						56	
U03 6941-10	PIRU PICTOR RANCH	700						34 24 29	118 47 02	416	V 106	1931						56	
F10 6943	PIUMO BEACH	80	19	32S	12E	M		35 08	120 38	900		1949						40	
W26 6958-03	PLUTE BUTTE	2680						34 39 02	117 50 57	410	F 456	1940						70	
U05 6959-01	PLACENTIA AWW CO	190																	

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SOUTHERN CALIFORNIA

Station Number	Station Name	Elevation in Feet	Section	Township	Range	30-Air-Temp 40-Air-Temp 50-Air-Temp 60-Air-Temp 70-Air-Temp 80-Air-Temp 90-Air-Temp	Latitude		Longitude		Coastal Number	Coastal Index Number	Record Began	Record Ended	Number of Missing Years	County	Order
							Degrees Minutes	Seconds	Degrees Minutes	Seconds							
U05 6950-02	PLACENTIA MUT ORANGE	225					33 52 42	117 52 24	415	O 27							30
U03 6959-01	PLACENTIA CANYON	1485					34 22 37	118 28 43	410	F 2840		1928					56
W06 6987-41	PLEASANT VIEW	1980					34 7 34	117 55 57	410	F 4608		1940					70
T15 7016-21	PT CONCEPTION	110					34 26 57	120 28 15	413	S 2 25B							42
T10 7024	PT RIEDEGRAS BLANCAS	59	13 26S	6E	M		35 40 05	121 17	900			1938					60
U05 7036-11	POINT VICENTE L H	125	14 55 15W		S		33 44 30	118 24 38	410	F 44		1926					70
U05 7050	POMONA	855					34 03 58	117 46 21	900	S 40		1913					70
Y01 7050-01	POMONA PIPE STATION	544					34 03 16	117 45 10	410	F 256C		1883					70
Y01 7050-07	POMONA MITCHELL	778					34 01 37	117 44 25	410	F 263C		1930					70
Y01 7050-12	POMONA-STEVENS	820					34 01 34	117 46 06	410	F 263F		1956					70
T11 7057-10	POND RANCH NO 2	1300	3 28S 18E		M		35 31	120 13 40	430	L 911		1939					40
U03 7080	PORT HUENEME	20	20 4N 20W				34 08 40	117 19 30	416	V 17		1891					56
U03 7102-41	POTRERO CANYON	1150					34 28 50	118 38 18	410	F 1040		1951					70
U05 7103-51	POTRERO HEIGHTS	285					34 02 34	118 04 50	410	F 1700		1926					70
Z06 7111	POWAY VALLEY	440	12 14S 2W				32 57	117 04	900			1879					90
Y01 7123-01	PRADO GALE EXP STA	475	20 35 7W		S		33 53 25	117 38 39	415	J 23B		1930					33
U05 7123-11	PRAIRIE FORKS	5640					34 40 20	117 41 30	410	F 80B		1926					70
U05 7160-01	PUDINGSTONE DAM	1030	15 15 9W				34 05 30	117 48 22	410	F 968		1927					70
U05 7161-09	PUNTE-FERRERO	380					34 12	117 56 19	410	F 254B		1930					70
U05 7161-33	PUNTE HILLS-WEISEL	645					33 57 08	117 55 26	410	F 265D		1925					70
U05 7161-06	PUNTE HILLS	840					33 59 40	117 59 31	410	F 201B		1924					70
U05 7161-08	PUNTE-N. WHITFIELD	314					34 01 14	117 58 40	410	F 679		1935					70
W26 7163-31	RUNCH BOWL RANCH	4760					34 24 48	117 51 25	410	F 1111C		1964					70
W26 7164-43	PUZZLE SPRINGS RANCH	4130					34 26 34	117 40 25	410	F 1130		1958					70
X08 7177	QUAIL CANYON	3448	12 15 6E				34 05 35	118 30	429			1879					36
Y02 7178-70	QUAIL VALLEY	1590	30 55 3W	P	S		33 42 22	117 14 07	808	R		1958					33
Y02 7221-01	RAILROAD CANYON DAM	1370	2 65 4W		S		33 40 36	117 16 31	18	R		1927					92
Z05 7231	RANCHO SPRUDDING	1470	2 13S 1W				33 04	116 51	900			1949					90
Z03 7244	RANCHITA	4110	23 11S 4E		S		33 14	116 32	900			1942					90
T09 7244-10	RANCHITA SLO	655	25 31S 13E		M		35 12	120 26	430	L 100		1943					40
U05 7247-51	RANCHO LOS AMIGOS	90					33 55 18	118 09 44	410	F 270C		1930					70
U02 7247-72	RANCHO MATILAJA EVAP	600					34 25 45	119 18 35	416	V-150							56
Z05 7249-51	RANCHO SANTA FE	240	21 13S 3W		S		33 01 12	117 12 06	413	8P129B							56
U05 7249-61	RANCHO SESPE	430					34 23	118 57 52	416	V 39		1907					15
W25 7253	RANDBURG	3522	35 24S 40E		M		35 22	117 39	900			1937					90
U04 7255-51	RATTLESNAKE CANYON	1290					34 05	118 51 55	410	F 1068		1953					33
Y01 7284-01	RECHE CANYON	1750	18 25 3W		S		33 59 42	117 13 52	441	SB 9A		1953					33
U05 7293-00	RED BOX GAP	4625	32 15 3W				34 15 30	118 06 18	410	F 1124B		1957					70
Y01 7306-01	REDLANDS ROTH	1239	32 15 3W				34 02 02	117 12 32	429	SB 23		1935					36
Y02 7306-02	REDLANDS SB 101	1194	20 15 3W		S		34 03 30	117 12 57	429	S0101		1930					36
Y01 7307-03	REDLANDS SB 144	1274	27 15 3W		S		34 03 09	117 11 55	429	S0144		1899					36
Y01 7311	REDLANDS COUNTRY CLUB	3080	12 58 3W		S		33 50 43	118 23 20	410	F 42C		1918					56
U05 7324	REDONDO BEACH	70					34 44 12	118 53 18	416	V 145		1952 1955					36
U03 7375-10	REYNOLDS RANCH						34 44 12	118 53 18	416	V 145		1952 1955					36
Y01 7384-08	RIALTO	1246	2 15 9W				34 06 24	117 21 50	429	SB 4A		1943					36
Y01 7384-09	RIALTO ADAMS	1175	15 19 5W		S		34 05 19	117 22 59	813	S0191		1940					36
Y02 7391-01	RICE RANCH DIV CO	1000	33 45 5W		S		34 03 05	117 22 59	417	W00		1927					33
U02 7391-51	RICE RANCH VEN CO	750					34 27 29	119 17 41	416	V 156		1956					36
U03 7403-11	RICHFIELD OIL	1560					34 26 08	119 08 02	416	V 65		1956					56
U03 7425-01	RIDGE ROUTE MAINT STA	2505	27 7N 18W		S		34 40 34	118 46 47	410	F 409		1936					70
U05 7441-11	RIO HONDO SPREAD GRND	155	25 12W		S		33 59 25	118 06 33	410	F 10140		1927					70
X15 7447-65	RIBLEY F.C. STA.	256	35 75 22E		S		33 31 30	114 39 39	431	R		1927					33
Y01 7460-01	RIVERSIDE LAFCO-4W-CO	875	14 25 5W		S		33 58 13	117 22 29	411	R		1927					33
Y01 7470	RIVERSIDE FIRE STN 3	820	34 25 5W		S		33 57	117 24	900	SB145		1931					33
Y01 7473	RIVERSIDE CITRUS EXP	1015	30 25 4W	K	S		33 58	117 20 05	900	SB 61		1948					33
U05 7491-11	ROBERTA CANYON	4100					34 13 30	117 55 15	410	F 732B		1945					70
W03 7510-11	ROCK CREEK LAOWP	9360					37 28 12	118 43 24	405			1924					26
U05 7530	ROGERS CANYON	770	26 1N 1W		S		34 09 46	117 54 15	410	F 740		1924					70
U05 7553-11	ROSCOE MERRILL	1100					34 14 19	118 21 33	410	F 148		1927					70
U05 7560-50	ROSEMEAD	305					34 04 53	118 03 55	410	F 1140		1960					70
Y01 7588-01	RUBIDOUX LAB USGA		22 25 5W		S		33 58 35	117 23 53	431	K		1938					33
U05 7589-11	RUBIO DEBRIS DAM	1653					34 11 57	118 07 22	410	F 1079		1954					70
Y09 7598-01	RUNNITZ RANCH	1150	31 27S 13E		M		35 32 06	120 36 41	430	L 30		1914					40
W28 7600	RUNNING SPRINGS 1 E	5965	4 1N 1W		S		34 12	117 05	900	SB 62		1936					36
U05 7609-11	RUSTIC CANYON	265					34 03 06	118 30 32	410	F 771		1947					70
Y12 7613-11	RYAN FIELD	1509	17 55 1W		S		33 43 48	118 01 17	431	R		1955					33
Z02 7640-50	SAGE F C STA	2240	12 75 1W		S		33 74 52	116 55 52	431	R		1963					33
Y09 7672	SALINAS DAM	1380	8 30S 14E		M		35 20	120 30	900			1942					40
T14 7681	SALSBURGES GAGING ST	2650	24 6N 34W				34 25 37	120 24 26	100			1941					82
U03 7685-01	SALT CANYON	2850					34 21 24	118 39 42	410	F 1019		1948					70
Y01 7711	SAN ANTONIO CANYN MTH	2374	13 1N 8W		S		34 10 24	117 40 31	4	F 587B		1917					70
Y01 7711-01	SAN ANTONIO CANYON	7735					34 16 24	117 36 35	410	F 1058B		1955					36
Y01 7712-0A	SAN ANTONIO HTS	1901	19 1N 7W		S		34 09 03	117 39 03	429	SB 85		1924					70
Y01 7712-0B	SAN ANTONIO SP GRDS	2090					34 09 20	117 40 55	410	F 691B		1924					70
T10 7722-15	SAN BERNARDO RANCH	350	24 24S 11E		M		35 23 20	120 46	430	L 159		1961					40

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INDEX OF CLIMATOLOGICAL STATIONS FOR 1964-65
SOUTHERN CALIFORNIA

Number	Station Name	Elevation in Feet	Section	Ownership	Range	Altitude Error	Hour and Meridian	Latitude			Longitude			Number of Years	Classification	Number of Days	Revised Report	Revised Period	Number of Missing Years	County	Code
								Degrees	Minutes	Seconds	Degrees	Minutes	Seconds								
Y 1 7779	SAN BERNARDINO HOSP	1125	34	1N	44	5	34 07 40	117 16	52	40	00	00	00	00	00	00	1931			36	
Y 1 7779-4	SAN BERNARDINO CO FC	1150					34 06	117 17	52	42	00	00	00	00	00	1931			36		
Y 1 7779-2	KAN CLEMENTE POLICE	1155					33 25 45	117 36	57	45	00	00	00	00	00	1931			30		
U 1 7779-11	SAND CANYON BARROS	1174					34 23 13	118 25	03	45	00	00	00	00	00	1931			70		
U 1 7779	SANDBERG PATROL STN	4025					34 44 37	118 44	43	45	00	00	00	00	00	1931			70		
U 1 7779	SANDBERG W	4417					34 45	118 44	44	45	00	00	00	00	00	1933			70		
Z 1 7779	SAN JESUS RR DEP	19					32 44	117 10	00	40	00	00	00	00	00	1931			90		
Z 1 7779-1	SAN DIEGO JUDG DAM	250					33 02	117 12	00	40	00	00	00	00	00	1924			90		
U 1 7779-2	SAN DIMAS VLN & FA	2765					34 11 41	117 44	76	40	00	00	00	00	00	1934			70		
U 1 7779-1	SAN DIMAS DAM	1350					34 04 20	117 46	17	40	00	00	00	00	00	1924			70		
U 1 7779	SAN DIMAS FLG ST	955					34 06 26	117 46 18	90	40	00	00	00	00	00	1931			70		
U 1 7779-1	SAN DIMAS EXP STA	3102					34 06	117 46	18	40	00	00	00	00	00	1933			70		
U 1 7779-2	SAN DIMAS S S	1485					34 04 04	117 46	02	40	00	00	00	00	00	1925			70		
U 1 7779-4	SAN DIMAS-STEVEN'S	1110					34 07 18	117 44 46	40	40	00	00	00	00	00	1928			70		
U 1 7779	SAN DIMAS TANBANK	2745					34 12 21	117 45 41	40	40	00	00	00	00	00	1929			70		
U 1 7779	SAN FERNANDO	765					34 16 42	118 27	50	40	00	00	00	00	00	1931			70		
U 1 7779-1	SAN FERNANDO STATE LD	897					34 14 47	118 33 40	40	40	00	00	00	00	00	1942			70		
U 1 7779	SAN FERNANDO PH NO 3	1248					34 18 44	118 33 70	40	40	00	00	00	00	00	1948			70		
U 1 7779-1	SAN FERNANDO VET HOSP	1781					34 19 35	118 24 44	40	40	00	00	00	00	00	1951			70		
U 1 7779	SAN FRANCISCO JUDG	1440					34 32 32	118 35 27	40	40	00	00	00	00	00	1929			70		
U 1 7779-3	SAN JABRIEL BRUNTING	470					34 06 18	118 36 32	40	40	00	00	00	00	00	1933			70		
U 1 7779-4	SAN JABRIEL C EPA JUDG	7050					34 14 26	117 45 46	40	40	00	00	00	00	00	1953			70		
U 1 7779-5	SAN JABRIEL C EPA TIA	2775					34 16 38	117 44 48	40	40	00	00	00	00	00	1953			70		
U 1 7779-6	SAN JABRIEL CYN EPA JUDG	1602					34 14 09	117 44 18	40	40	00	00	00	00	00	1934			70		
U 1 7779-7	SAN JABRIEL CYN EPA JUDG	3000					34 16 02	118 01 10	40	40	00	00	00	00	00	1942			70		
U 1 7779	SAN JABRIEL CYN EPA JUDG	744					34 29 20	117 39 28	40	40	00	00	00	00	00	1947			70		
U 1 7779-1	SAN JABRIEL DAM	1481					34 12 11	117 55 40	40	40	00	00	00	00	00	1917			70		
U 1 7779-2	SAN JABRIEL DAM LAMP	1500					34 23 33	117 50 47	40	40	00	00	00	00	00	1937			70		
U 1 7779-3	SAN JABRIEL FIELD ST	450					34 06 11	118 05 46	40	40	00	00	00	00	00	1943			70		
U 1 7779-4	SAN JABRIEL CYN EPA JUDG	2200					34 15 43	117 53 47	40	40	00	00	00	00	00	1940			70		
Y 1 7811	SAN JACINTO	1582					33 48	116 59	30	40	00	00	00	00	00	1896			33		
Y 1 7811-1	SAN JACINTO ST CIVIC HD	1582					33 47 42	116 59 30	40	40	00	00	00	00	00	1940			33		
Y 1 7811-2	SAN JACINTO CIVIC HD	1582					33 42 55	116 55 47	40	40	00	00	00	00	00	1940			33		
Y 1 7811-3	SAN JOSE HILLS LAUNDRY	447					34 03	117 50 47	40	40	00	00	00	00	00	1941			30		
Z 1 7816-1	SAN JUAN CAPITAN	160					33 35 42	117 38 24	45	45	00	00	00	00	00	1940			30		
Y 1 7816-2	SAN JUAN CAPITAN	160					33 35 42	117 38 24	45	45	00	00	00	00	00	1923			30		
Y 1 7816-3	SAN JUAN CAPITAN	160					33 35 42	117 38 24	45	45	00	00	00	00	00	1931			30		
Y 1 7816-4	SAN JUAN CAPITAN	160					33 35 42	117 38 24	45	45	00	00	00	00	00	1931			30		
Y 1 7816-5	SAN JUAN CAPITAN	160					33 35 42	117 38 24	45	45	00	00	00	00	00	1931			30		
Y 1 7816-6	SAN JUAN CAPITAN	160					33 35 42	117 38 24	45	45	00	00	00	00	00	1931			30		
Y 1 7816-7	SAN JUAN CAPITAN	160					33 35 42	117 38 24	45	45	00	00	00	00	00	1931			30		
Y 1 7816-8	SAN JUAN CAPITAN	160					33 35 42	117 38 24	45	45	00	00	00	00	00	1931			30		
Y 1 7816-9	SAN JUAN CAPITAN	160					33 35 42	117 38 24	45	45	00	00	00	00	00	1931			30		
Y 1 7816-10	SAN JUAN CAPITAN	160					33 35 42	117 38 24	45	45	00	00	00	00	00	1931			30		
Y 1 7816-11	SAN JUAN CAPITAN	160					33 35 42	117 38 24	45	45	00	00	00	00	00	1931			30		
Y 1 7816-12	SAN JUAN CAPITAN	160					33 35 42	117 38 24	45	45	00	00	00	00	00	1931			30		
Y 1 7816-13	SAN JUAN CAPITAN	160					33 35 42	117 38 24	45	45	00	00	00	00	00	1931			30		
Y 1 7816-14	SAN JUAN CAPITAN	160					33 35 42	117 38 24	45	45	00	00	00	00	00	1931			30		
Y 1 7816-15	SAN JUAN CAPITAN	160					33 35 42	117 38 24	45	45	00	00	00	00	00	1931			30		
Y 1 7816-16	SAN JUAN CAPITAN	160					33 35 42	117 38 24	45	45	00	00	00	00	00	1931			30		
Y 1 7816-17	SAN JUAN CAPITAN	160					33 35 42	117 38 24	45	45	00	00	00	00	00	1931			30		
Y 1 7816-18	SAN JUAN CAPITAN	160					33 35 42	117 38 24	45	45	00	00	00	00	00	1931			30		
Y 1 7816-19	SAN JUAN CAPITAN	160					33 35 42	117 38 24	45	45	00	00	00	00	00	1931			30		
Y 1 7816-20	SAN JUAN CAPITAN	160					33 35 42	117 38 24	45	45	00	00	00	00	00	1931			30		
Y 1 7816-21	SAN JUAN CAPITAN	160					33 35 42	117 38 24	45	45	00	00	00	00	00	1931			30		
Y 1 7816-22	SAN JUAN CAPITAN	160					33 35 42	117 38 24	45	45	00	00	00	00	00	1931			30		
Y 1 7816-23	SAN JUAN CAPITAN	160					33 35 42	117 38 24	45	45	00	00	00	00	00	1931			30		
Y 1 7816-24	SAN JUAN CAPITAN	160					33 35 42	117 38 24	45	45	00	00	00	00	00	1931			30		
Y 1 7816-25	SAN JUAN CAPITAN	160					33 35 42	117 38 24	45	45	00	00	00	00	00	1931			30		
Y 1 7816-26	SAN JUAN CAPITAN	160					33 35 42	117 38 24	45	45	00	00	00	00	00	1931			30		
Y 1 7816-27	SAN JUAN CAPITAN	160					33 35 42	117 38 24	45	45	00	00	00	00	00	1931			30		
Y 1 7816-28	SAN JUAN CAPITAN	160					33 35 42	117 38 24	45	45	00	00	00	00	00	1931			30		
Y 1 7816-29	SAN JUAN CAPITAN	160					33 35 42	117 38 24	45	45	00	00	00	00	00	1931			30		
Y 1 7816-30	SAN JUAN CAPITAN	160					33 35 42	117 38 24	45	45	00	00	00	00	00	1931			30		
Y 1 7816-31	SAN JUAN CAPITAN	160					33 35 42	117 38 24	45	45	00	00	00	00	00	1931			30		
Y 1 7816-32	SAN JUAN CAPITAN	160					33 35 42	117 38 24	45	45	00	00	00	00							

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 INDEX OF CLIMATOLOGICAL STATIONS FOR 1964-65
 SOUTHERN CALIFORNIA

Number	Station Name	Elevation Feet	Month Established	River	Blk. or Elev. Base and Mountain	Life			Elevation Number	Temperature Index Number	Moisture Index	Number of Months	Year
						Days Winters	Days Summer	Days Autumn					
001 7987	SANTIAGO DAM	56				35 47	117 49	11	100	L 118	1 43	13	
004 7987-1	SANTIAGO CYN	660				14 26 36	116 00	11	110	F 102	1 65	70	
004 7987-02	SANTIAGO CREEK	920				14 26 41	116 00	11	110	F 102	1 65	70	
201 7987-12	SANTIAGO PEAK	5600				33 42 34	117 15	11	110	G 116	1 65	33	
211 7988	SAN VICENTE RES	602	31 14 5	15		11 15	116 59	11	106			90	
003 8008-2	SATICOV-GOLBERTSON	170				34 17 01	119 05	11	110	F 132		16	
003 8008-3	SATICOV-DELL MAR	30				34 16 41	119 10	10	116	F 10		16	
003 8018-4	SATICOV FIRE STATION	142	2 24 24			34 17 17	119 05	11	110	F 134		16	
003 8114	SAUGUS ROGER BLUNT 1	2178	44 16			34 25 21	118 27	11	110	F 126	1 63	70	
003 8014-4	SAUGUS ELLISON STA	1046				34 16 11	118 16	16	110	F 100	1 62	70	
003 8014-8	SAUGUS-HEMALL	1150				34 24 36	118 16	11	110	F 125	1 61	70	
004 802-01	SEAWILL MTR RES	3700				34 43 15	117 11	11	110	F 277	1 61	70	
004 8022-10	SEARIT CYN DEER PK	2640				34 11 36	117 57	11	110	F 504	1 61	70	
004 802-14	SEARIT DAM NO 2	1378				34 10 44	117 57	11	110	F 588	1 62	70	
004 802-15	SEATTLE	290				34 12 43	118 16	11	110	F 1400	1 62	70	
005 8023-03	SEATELLE SOLDIER MUME	346				34 01 47	118 17	17	110	F 1197	1 62	70	
005 8024-01	SCROLL DESERT BAS	147				34 05 13	118 12	11	110	F 1110	1 62	70	
004 8025-01	SCOTT STATION	110				33 23 45	117 15	11	110	F 102		90	
001 8046-01	SELBY RES	40				33 45 16	117 43	11	110	F 101		16	
002 8046-01	SELBY RANCH	753	14 45 24	11		34 25 08	119 20	18	110	F 144	1 62	46	
004 8092-01	SEMINOLE HOT SPOK	978				34 06 31	118 47	11	110	F 38	1 62	70	
004 8092	SEPULVEDA DAM	478				34 10 03	118 26	06	110	F 490	1 62	70	
004 8092-01	SEPULVEDA AND HAYEN	828				34 13 52	118 26	04	110	F 48	1 62	70	
004 8092-18	SEPULVEDA CANYON	472				34 04 43	118 26	11	110	F 768	1 62	70	
004 8092-14	SEPULVEDA CANYON 19	1300				34 26 24	118 38	07	110	F 1436	1 62	70	
005 8025-01	SEPULVEDA DAM	483				34 10 09	118 26	11	110	F 452	1 62	70	
005 8025-11	SEPULVEDA-MULLHOLLAND	1425				34 15 11	118 21	11	110	F 100	1 62	70	
002 8095-01	SELBY RANCH	750	14 45 24	11		34 15 31	119 21	11	110	F 166	1 61	56	
002 8111-04	SEVEN-N RANCH	1000	8 27 8	10L	U	35 36	120 54	11	110	L 59	1 60	1 40	
002 8126-01	SHANDON DIV OF HWYS	1590	20 26 5	15E	U	35 39 30	120 22	10	110	L 77	1 60	1 40	
009 8126-03	SHANDON UNION OIL CO	1041	2 26 5	15E	U	35 41	120 20	10	110	L 59	1 60	1 40	
005 8148	SHELL ABSORPTION PLT	680				33 57	117 54	11	110			1 62	
005 8190-21	SHURTOUT CYN A FURN	4425				34 15 55	118 00	06	110	F 1109	1 62	70	
005 8211-01	SIERRA MAURE DAM	1100				34 10 34	118 00	11	110	F 144	1 62	70	
004 8211-06	SIERRA MAURE WW PD	988				34 10 31	118 00	11	110	F 144	1 62	70	
005 8211-17	SIERRA MAURE RESL	658				34 03 07	118 00	11	110	F 58	1 62	70	
004 8211	SIERRA MAURE BUMP DIA	700				34 06 47	118 00	11	110	F 168	1 62	70	
005 8211-11	SIERRA MAURE USES	939				34 10 15	118 00	11	110	F 605	1 62	70	
005 8231	SIGNAL HILL FC #15	100				32 47 47	118 40	07	110	F 410	1 62	70	
004 8243-11	SILVERPAU CANYON	1500				27 44 58	117 30	17	110	L 100		10	
004 8243-11	SILVER LAKE RES	455	1 17 15	4		34 06 28	118 15	14	110	F 376	1 62	70	
003 8246	SIML	770				34 17	118 54		110	F 124	1 62	56	
003 8258	SIML 3 E	900	11 24 18	14	U	34 16 15	118 44	14	110	F 104	1 62	1 62	1 62
003 8258-01	SIML FURSUW RANCH	1100				34 25 44	117 14	11	110	F 43	1 62	56	
002 8258-01	SIMLER DIV OF HWYS	2147	6 10 5	14L	U	35 21	119 59	11	110	L 71	1 62	40	
002 8261-11	SIMMS RANCH	2147	37 46 15	15	U	33 47 41	116 50	10	110	M 60		33	
004 8263	SINGLETON RANCH	1425	24 46 15	15	U	33 47 41	116 50	10	110			33	
004 8317	SNO-CHEEK UPPER	1947	33 36 3E	13	U	33 50	124 43	10	110	F 47	1 62	2 37	
001 8376	SODA LAKE	1375	10 11 1	1E	U	33 14 47	114 51	04	110	F 47	1 62	40	
003 8378-02	SOLEDA CYN-ECKLET	2150				34 26 47	117 47	11	110	F 425	1 62	70	
003 8378-01	SOLEDA PASS	3620				34 43 34	118 01	11	110	F 1261	1 62	70	
003 8378-01	SOLEDA CYN-BERMIETE	1200				34 34 43	118 01	11	110	F 1117	1 62	70	
003 8347-01	SOMES 2 NW	600	4 24 24			34 16 59	118 44	11	110	F 106	1 62	1 62	1 62
003 8347-01	SOMES SANDER WCH	300	17 24 14			34 16 47	118 44	11	110	F 106	1 62	1 62	1 62
003 8347-10	SOMES	240				34 16 21	118 44	11	110	F 102	1 62	1 62	1 62
003 8348	SOMES 3 NE	685	24 14	14		34 17	117 14	11	110		1 62	1 62	1 62
003 8348	SOMES 3 NW	612	24 14	14		34 17	117 14	11	110	F 150	1 62	1 62	1 62
003 8348	SOMES 4 NW	607	24 14	14		34 17	117 14	11	110	F 164	1 62	1 62	1 62
003 8347-09	SOMES ADGEN RTH	974	10 24 24			34 16 25	118 00	09	110	F 101	1 62	1 62	1 62
002 8356-01	SOPERS RANCH	970				34 26 17	118 14	11	110	F 141	1 62	1 62	1 62
002 8374-6	SOTO RANCH VS CAMBRIA	442	22 27 5	1E	U	25 14 51	110 59	11	110	F 145	1 62	1 62	1 62
005 8375-1	SOUTH GATE	1347				33 49 16	119 10	11	110	F 474	1 62	1 62	1 62
004 8370-04	SOUTH HARBOR	702				34 18 45	119 44	11	110	F 1046	1 62	1 62	1 62
004 8390	ST FERRY PARIN	710	31 16 17	1E	U	34 04 57	118 48	11	110	F 106	1 62	1 62	1 62
005 8316-01	SOUTH PASADENA	540				34 06 58	117 00	09	110	F 111	1 62	1 62	1 62
004 8422-05	ST SAN JESUS	100				33 41 35	117 07	10	110	F 40	1 62	1 62	1 62
004 8426-37	SOUTH IRON	1640				31 42 57	117 37	11	110	F 1737	1 62	1 62	1 62
004 8476	STADIUM PACIFIC OILWAY	44	34 17	14		34 07 11	117 44	11	110	F 376	1 62	1 62	1 62
009 8447-20	STADIUM CAMP	124	27 14	14E	U	33 14	117 15	11	110	F 124	1 62	1 62	1 62
003 8447-04	SPRING CYN	110				34 16 47	118 11	07	110	F 1141	1 62	1 62	1 62
003 8476	STAIRRELL TUN 1	824	14 15 14	14		34 14	117 11	11	110	F 1044	1 62	1 62	1 62
003 8476	STAIRRELL TUN 2	824	14 15 14	14		34 14	117 11	11	110	F 1044	1 62	1 62	1 62
003 8490-01	STANTON	85				31 48	117 06	11	110	F 344	1 62	1 62	1 62
003 8574-11	STEARNT CAN DEP RON	30	1 45 14	14		34 17 34	118 14	14	110		1 62	1 62	1 62
004 8566	STODDARD VALLEY	2840	19 45 14	14		34 45	117	11	110	F 102	1 62	1 62	1 62

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INDEX OF CLIMATOLOGICAL STATIONS FOR 1964-65
SOUTHERN CALIFORNIA

Station		Elevation in Feet	Section	Township	Range	30 Arc- Treat	Base and Meridian	Latitude			Longitude			Compass Number	Compass Index Number	Record Began	Record Ended	Number of Missing Years	County Code
Number	Name							Degrees	Minutes	Seconds	Degrees	Minutes	Seconds						
101 8744-1	STONE - ANYON	540						34 05 11	118 26 45	410	F 10	1928						70	
101 8744-2	STONE - ANYON DAM	865						34 06 21	118 27 13	410	F 237							70	
101 8744-3	STONE CANYON RAIL	975						34 06 22	118 26 50	410	F 764	1947						70	
101 8744-4	STONE CANYON RFL	865		9 15 15w				34 06 21	118 27 13	405	F 237							70	
101 8850-1	STOUGH PARK	1375						34 12 15	118 18 03	410	F1137b	1959						70	
051 861-1	STUDIO CITY-HOODLAND	688						34 08 19	118 24 28	410	F 760	1947						70	
051 861-2	STURTEVANT LAMP	3225						34 13 51	118 02 19	410	F 58							70	
112 4627	SUEY RANCH	470		32 11N 34w				34 59 40	120 42 35	900								40	
051 8637-1	SULLIVAN CANYON	1465						34 07 19	118 30 52	410	F 768	1947						70	
051 8646-1	SUMMIT VALLEY RETRO	4500		28 3N 4W A				34 19 13	117 23 53	417	5819B	1962						76	
051 866	SUNLAND	1465		13 2N 14w				34 16	118 14	400								70	
051 866-1	SUNNYSIDE	1645		1 35 4W				33 56 27	117 14 50	431	K	1955						33	
051 868-1	SUNSET DAM	2615						34 12 18	118 17 05	410	F 498	1947						70	
051 868-4	SUNSET R.S.	2115						34 12 53	118 08 47	410	F 683	1939						70	
051 870	SUSANA KNOLLS	1490						34 16	118 40	900								56	
051 8707-1	SUTHERLAND DAM	1900						33 07	116 47	405								70	
051 8726-1	SWEETWATER DAM	705		17 17. 1A				32 43 33	117 30	14								40	
051 8727-1	SYCAMOND LAMP	4 05						34 25 02	117 58 13	410	F1060b	1953						70	
051 8728-1	SYLMAR	1245						34 18 37	118 28 15	405	F 391	4						70	
051 874	TABLE MOUNTAIN	7417		2 3N 4W				34 22 56	117 40 49	410	F 827	1928						70	
051 876-1	TANBARK FLATS	275						34 12 25	117 45 40	410	F 158	1929						70	
051 876-2	TAPSCITUS AGON	1570						34 17 12	118 43 07	416	F 124							56	
051 876-4	TAPSCITUS WATER CO	1080						34 17 54	118 43 16	416	F 62							56	
051 884-1	TEMECULA F.D.	1018		12 8. 1W				33 49 48	117 08 57	431	K	1955						33	
051 884-1	TEMPLE CITY	404						34 06 31	118 05 24	410	F 400b	1948						70	
051 884	TEMPLETON	855		24 27S 12E	M			33 55 56	120 42 21	432	L 41	1886						40	
112 884-1	TEPUSCITUS CYN	5287						34 54 36	120 11 08	715	54 31b							70	
051 8877-11	TEVICT ST.	542						34 05 58	118 15 25	410	F 406	56						70	
051 8879	THACHER SANDS	1760		5N 22W				34 27 58	118 10 49	416	F 59	1915						33	
X19 888	THERMAL PASS RD	1125		24 6S 8E				34 38 35	118 05 51	400								70	
X19 8897-1	THERMAL	1125		24 6S 8E				33 38 45	116 10 16	431	K	1950						33	
051 894-1	THOUSAND PALMS EAST	710		11 1N 14W				34 19 43	118 50 54	410	F 118	1943						56	
101 897	THOUSAND PALMS WEST	410		14 1N 19W				34 09 50	118 50 11	416								33	
X19 898-2	THOUSAND PALMS	743		18 4. 6E				33 49 14	116 43 34	431	K	1958						33	
W 8 898	TIFEMANA HT	3665		26 10S 34E	F			37 03 10	118 13 47	402		1933						54	
051 899-1	TIPA TIPA	130						34 34 39	119 03 27	416	F 147	1958						70	
051 899-2	TIPANAPA CRY OUTLET	130						34 02 58	118 34 46	410	F1040	1955						70	
051 899-7	TIPANAPA PAT S.F. AP	742		18 15 14w				34 26 03	118 34 57	410	F 6H	1931						70	
051 899-8	TIPANAPA	130						34 48	118 03	410		1952						56	
051 899-9	TURKANEL AIRPORT	101						33 47 54	118 20 04	410	F117b	1958						70	
051 899-10	TRABUKO CANYON	130						33 39 38	117 56 17	410	F 81							70	
051 899-11	TRANCAS RESID.	130						34 03 57	118 50 50	410	F 468	1930						70	
051 9027-21	TRINITY - ANYON	865						34 07 20	118 47 10	410	F 768	1947						70	
051 903	TRONA	2727		4 27S 43E	M			34 47 37	117 23	400	F111	1920						56	
051 906-1	TRUENNA SAN ANGELO	370						34 18	118 16 08	410	F1019b	1947						70	
051 906-2	TRUENNA SAN ANGELO	370						34 16 43	118 17 54	410	F1058b	1952						70	
051 906-3	TRUENNA SAN-VICENTE	110						34 17 12	118 13 32	410	F 624F	1939						70	
051 906-4	TRUENNA-SAN-VICENTE	420						34 23 25	118 06 50	410	F1074	1949						70	
051 906-5	TRUENNA MILL CREEK	4900		36 4N 11W				34 23 49	118 05 25	410	F 470	1948						70	
051 906-6	TURNHILL GEBBI, BAL.	495						33 59 18	118 01 50	410	F1086	1954						70	
051 906-7	TWENTY-NINE PALMS	130						33 48 18	117 48	410	F 166	1958						10	
X 0 907	TWENTYNINE PALMS	1370		43 1N 4E	J			34 08 11	118 04 00	400	K 488	1958						70	
X 0 907-2	TWENTY NINE PALM 1	1370		43 1N 4E	R			34 05	118 07	400	F216	1960						70	
X 0 907-3	TWENTY NINE PALM 2	1370		43 1N 13E	R			34 10	118 04	400	F272	1961						70	
112 4111	TWITCHELL DAM	130		39 16S 38E				34 57 45	120 14	400		1959						42	
051 913	UDON HILL STEARY	710		6 4. 4W				32 56	117 54	400								70	
051 913-1	UDON HILL STEARY	710		6 4. 4W				34 34 15	118 47	400								70	
051 913-2	UDON HILL STEARY	710		6 4. 4W				34 03 54	118 13 16	410	F 482	1942						70	
051 913-3	UDON HILL STEARY	710		6 4. 4W				34 27 57	117 34 34	410	F1145	1959						70	
051 913-4	UDON HILL STEARY	710		71 1N 1W				34 07 58	117 38 30	400	F 88	1932						36	
051 914-1	UPLAND - GARDNER	1965						34 07 40	117 40 45	410	F 420	1931						70	
051 914-2	UPLAND - GARDNER	1965		1 1. 1W				34 05 47	117 42 42	424	F 38	1959						70	
051 914-3	UPLAND - HAZEL	1425		1 1. 1W				34 04	117 37 47	410	F 194							70	
051 914-4	UPLAND - HAZEL	1425		1 1. 1W				34 05 47	117 48 43	424	F 194							70	
051 914-5	UPLAND - HAZEL	1425		1 1. 1W				34 07 27	118 28 15	410	F 762	1947						70	
051 9213-11	VAIL LAKE	3430						33 29 11	116 58 46	416		1952						33	
051 9213-2	VALLEY CENTER 3 NE	1419		11 10S 14W				33 16 43	116 50 10	410		1924						56	
051 9213-3	VALLEY CENTER 3 SW	1419		17 11 E				34 04 40	116 54 20	410	F 602							70	
051 9213-4	VALLEY RD. 1	771		9 4W				34 26 44	117 51 17	410	F 478	1931						70	
112 4251	VAN WYCK-SUB	3627		24 7N 4W				34 40	119 33	400								42	
051 9213-5	VAN WYCK-SUB	3627		24 7N 4W				34 17 46	118 58 34	410	F 43							70	
051 9213-6	VAN WYCK-SUB	3627		24 7N 4W				34 16 44	118 57 07	410	F 102	1931						70	
051 9213-7	VAN WYCK-SUB	3627		24 7N 4W				34 16 44	118 57 07	410	F 102	1931						70	
051 9213-8	VAN WYCK-SUB	3627		24 7N 4W				34 16 44	118 57 07	410	F 102	1931						70	
051 9213-9	VAN WYCK-SUB	3627		24 7N 4W				34 16 44	118 57 07	410	F 102								

TABLE A-1
INDEX OF CLIMATOLOGICAL STATIONS FOR 1964-65
SOUTHERN CALIFORNIA

Station		Elevation in Feet	Meridian	Township	Range	# of Ac. Feet	Base and Meridian	Latitude			Longitude	Climograph Number	Climograph's Elevation Number	Record Begin	Record End	Number of Missing Years	County	Index
Number	Name							Degrees, Minutes, Seconds	Degrees, Minutes, Seconds	Minutes, Seconds								
063 9255-01	VENTURA CO. #	732						34 17 45	118 52 34	416	V 116							56
012 9285-04	VENTURA CH.	100						34 16 38	117 47 18	416	V 131	1948						56
018 9285-04	VENTURA #4 DIST. 6	300						34 00 51	118 40 11	416	V 169							56
008 9298-11	VERDUGO PUMP STA.	174	15	7N	14W			34 14 37	118 29 04	425	F1037							70
Y01 9313-01	VICTORIA	1660						34 04 52	117 15 16	417	V 169E							36
428 9325	VILTORVILLE PUMP PLY	2859	9	5N	4W	S		34 32	117 16	700			1948					36
428 9325-05	VILTORVILLE CO. YARD	2800	10	5N	4W	A	L	34 31 32	117 30 14	700	SB105	1960						36
Y01 9338-03	VILLA PARK DAM	492						33 49 02	117 46 07	419	O 173	1962						30
Y01 9338-06	VILLA PK-ORCHARD	243						33 48 52	117 49 20	419	O 109							30
Y01 9345	VINCENT FIRE STA.	3135	28	5N	12W	L	S	34 24 17	118 08 29	410	F 120	1927						70
005 9346-01	VINCENT GULCH	6590						34 22 26	117 45 05	410	F 818	1927						70
T10 9392-06	VORTAK SPR.	1461	2	31S	11E	M		35 15 26	120 44 35	430	L 172	1964						40
T10 9395-04	VULTURE ROCK	2655	28	28S	7E	M		35 36 40	121 01	430	L 168	1963						40
T10 9411-04	WADWAMS	100	16	11S	12E	M		35 13 23	120 41 30	410	L 166	1963						40
T10 94 8-12	WAGON WHEEL CAMP 1 5G	4393						34 43 47	119 11 01	416	V 202	1959						56
005 9427-01	WALNUT FRUIT GROVES	513						34 13	117 51 09	416	V 339	1929						70
005 9431	WALNUT PATROL STN.	484	18	2S	9W	U		34 12	117 52 14	410	F 102B	1926						70
005 9438-02	WALTERIA LAKE PUMP ST.	40						33 48 35	118 21 05	410	F116A	1964						70
Z 3 9447	WARNER SPRINGS	3180	26	10S	7E	S		33 17	116 38	700		1931						90
015 9464-01	WATERMAN # 5	3290						34 15 50	118 08 37	410	F 52C							70
005 9464-23	WATERMAN MTN.	7962						34 20 23	117 56 21	410	F1031B	1949						70
012 9484	WAYSIDE H.R. EVAP.	1060	1	4N	17W	U		34 29 41	118 36 44	413	DWR	1963						70
X 2 9487	W. C. CHEROKEE JOHNSON	2744						34 45	118 27	427	S202							36
*26 9531-12	WEST ANTELOPE	3110	3	4N	15W	S		34 53 46	118 27 12	405		1921						15
J 5 9531-11	WEST ARCADIA	547						34 07 42	118 04 22	415	F 102D	1925						70
005 9531-11	WEST AZUSA	505						34 06 43	117 56 56	410	F 406C	1936						70
005 9533-13	WEST BURBANK	615						34 10 47	119 20 07	410	F1127	1958						70
005 9547-05	WEST COVINA KELLER RN.	350						34 01 54	117 57 20	410	F 1010	1959						70
T25 9558-20	WEST FORK # 5	3100						34 14 45	118 04 55	410	F1003	1949						33
Y01 9560-11	WESTMINSTER	38						33 45 08	117 59 17	415	O 162							33
Y01 9597-21	WEST RIVERSIDE	900	7	2S	6W			34 44	117 26 48	431	R	1948						33
T11 9610-11	WHALE ROCK DAM	250	34	28S	10E	F	M	35 26 48	120 53 08	413	DWR	1963						40
002 9614	WHEELER SPRINGS 2 5SW	850	28	1N	23W	S		34 28 44	119 17 38	700		1940						56
002 9615-01	WHEELER SPRINGS 2 5W	950	28	5N	14W	S		34 46 55	117 17 30	416	V 107	1932						56
003 9618	WHEELER SPRINGS 7N	4150						34 35 50	119 19 30	400	V 63	1947 1965						56
*45 9647	WHITE MOUNTAIN 1	10150	19	67	34E	M		37 30	118 11	900		1955						26
*1 9643	WHITE MOUNTAIN 2	12475	20	45	34E	M		37 34	118 14	900		1955						26
005 966	WHITTIER CITY HALL	320	28	2S	11W	S		33 58 30	118 01 57	410	F 1060	1928						70
005 966-102	WHITTIER-CATE	280						34 20	118 03 30	410	F1039	1955						70
005 966-08	WHITTIER-WOOD	280						33 59 52	118 03 10	410	F1035	1950						70
005 9666-01	WHITTIER NARROWS	232						34 02 02	118 03 40	410	F1057B	1953						70
Y11 9674-01	WILD ROSE RANCH-PEARL	875						33 47 25	117 25 54	413	DWR							33
T11 9679-06	WILLIAMS RANCH	53	15	25S	6E	M		35 45 30	121 18 30	430	L 1710	1964						30
*26 9699-50	WILLOW SPRINGS	3800	23	10N	15W	S		34 56 54	118 29 24	413	DWR	1929						15
T25 9701-02	WILMINGTON-2	40						33 47 27	118 15 30	410	F 116C	1955						70
*26 9711-11	WILSONA	2913						34 34 50	117 43 10	410	F**128	1951						70
005 9710-21	WILSON CANYON	3175						34 21 17	118 27	410	F 363R	1933						70
Y11 9748-14	WINIFERSBURG-KTARER	25						33 42 40	117 49 56	415	O 54							30
005 9765-01	WOLFSKILL CYN-MUPPER	3625						34 10 43	117 43 18	410	F1075	1937						70
Y01 9774-20	WOODCREST PRENDA DAM	1580	25	3S	5W	S		33 53 50	117 19 47	431	R	1956						33
T11 9813-10	WREDDEN	2080	11	25S	7E	M		35 25	120 06	430	L 1211	1948						40
*28 9810-13	WRIGHTWOOD	6038	8	1N	17E	M		34 22 17	117 29	429	SB 33	1959						36
005 9819-33	WRIGHTWOOD FIRE STA.	5960						34 21 34	117 37 57	410	F1128	1958						70
*28 9846-14	YERMO INSPECTION STA.	1912						34 56 10	116 48 10	429	SB233	1962						36
005 9847	YORGA LINDA	405						33 54	117 49	900		1931						30
005 9847-21	YORBA RESERVOIR	320						33 55 23	117 48 29	415	O 163	1962						30
T10 9850-05	YORK MTN. SANTA VITA C.	1234	15	27S	10E	U		33 55 05	120 51 40	430	L 161	1962						30
Y01 9874-17	YUCAIPA SB 127	2883	10	2S	2W			34 02	117 02	429	SB127	1949						36
Y11 9874-04	YUCAIPA CO. YDS.	2120	4	1S	2W	S		34 01 59	117 06 08	429	SB 99	1959						36
Y01 9874-15	YUCAIPA FFS	2810	36	1S	2W	S		34 01 58	117 02 11	429	SB129							36
Y01 9875-07	YUCAIPA WATER CO.	2740	36	1S	2W	S		34 02	117 02 26	429	SB132	1956						36
X08 9881-06	YUCAIPA VALLEY	5420	36	1N	4E	S		34 05 38	116 27 10	429	SB135A	1959						36
004 9900-11	ZUMA CYN-GALEY	1500						34 04 58	118 44 38	410	F 366C	1934						70
004 9901-17	ZUMA CYN. PS	115						34 01 10	118 47 46	410	F 458	1940						70

TABLE A-2

SEASONAL AND MEAN PRECIPITATION
AT SELECTED STATIONS IN SOUTHERN CALIFORNIA

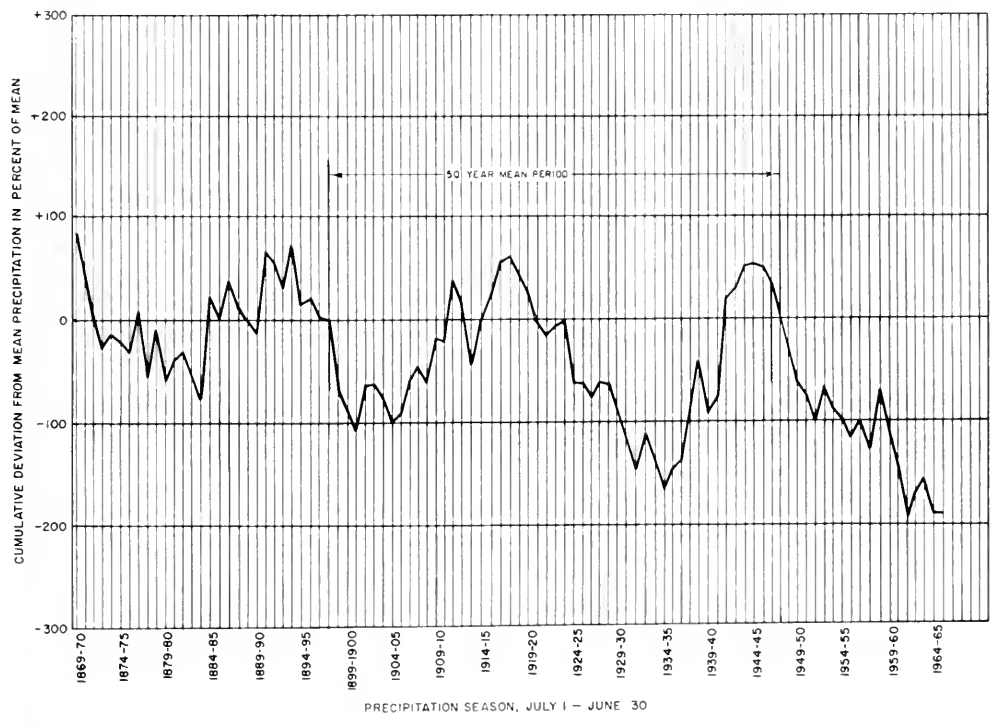
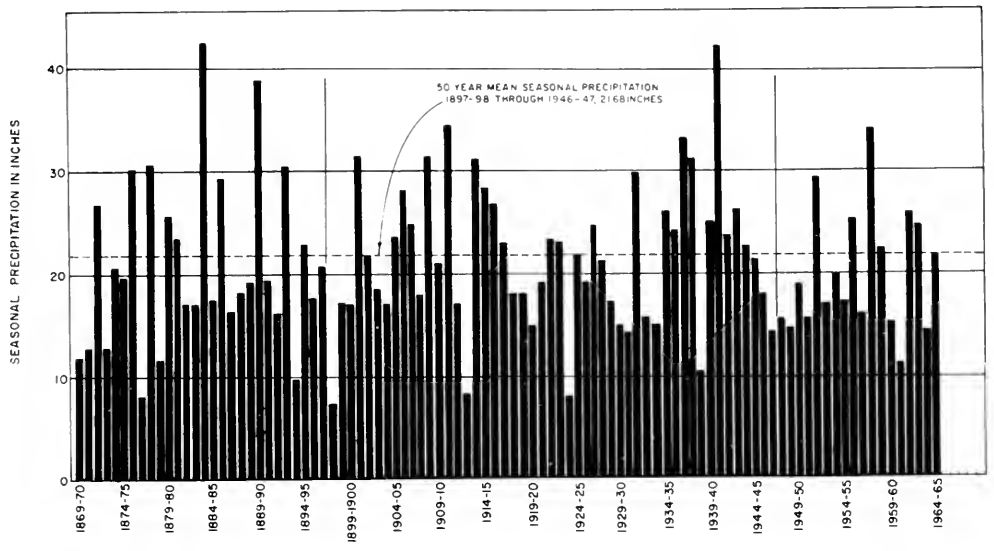
Station	County	50-year mean 1897-1947, in inches	1964-65 season, July 1 - June 30 In inches	In percent of mean
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Coastal

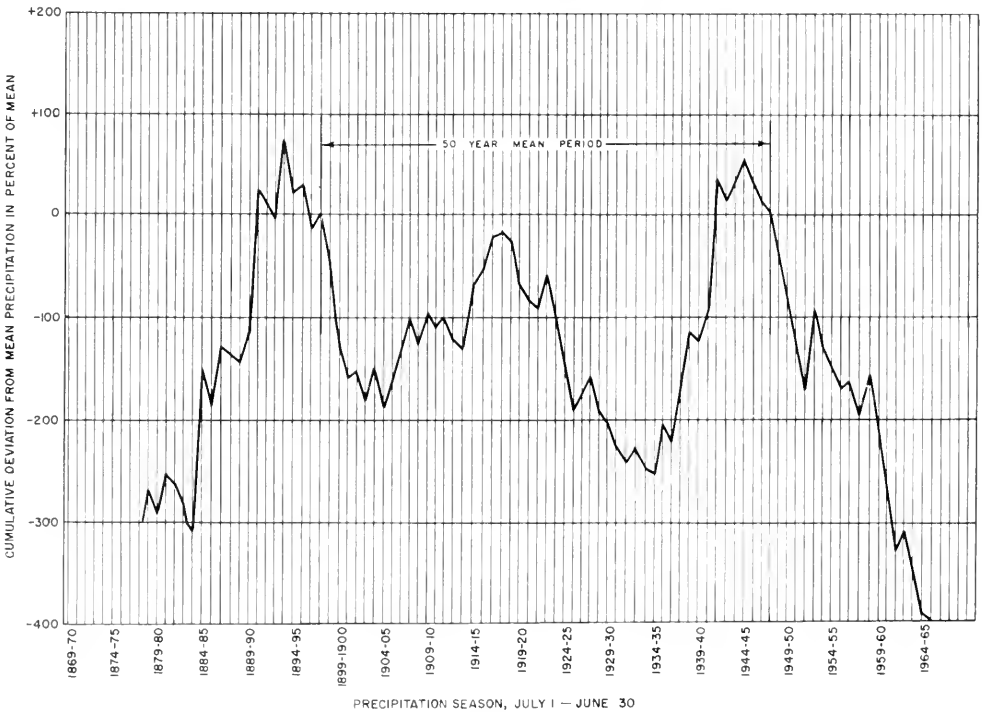
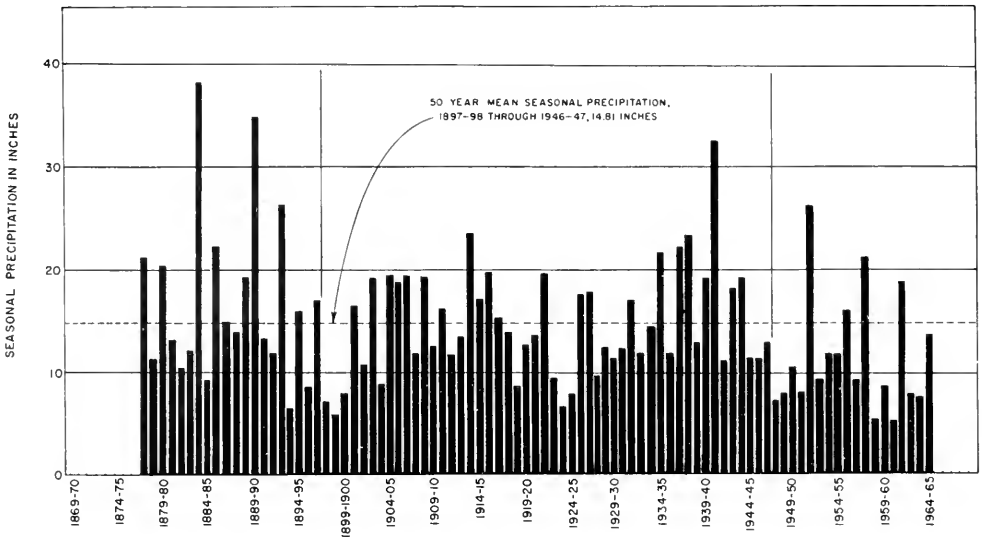
Paso Robles	San Luis Obispo	15.82	12.45	79
San Luis Obispo	San Luis Obispo	21.68	21.88	101
Santa Maria	Santa Barbara	13.52	11.77	87
Santa Barbara	Santa Barbara	18.56	18.46	99
Ventura	Ventura	15.59	13.62	87
Los Angeles	Los Angeles	14.81	13.69	92
Pomona	Los Angeles	18.21	14.30	79
Santa Ana	Orange	14.16	10.41	74
San Bernardino	San Bernardino	17.21	12.65	74
Oceanside	San Diego	12.38	13.27	99
San Diego	San Diego	10.37	8.50	82

Interior

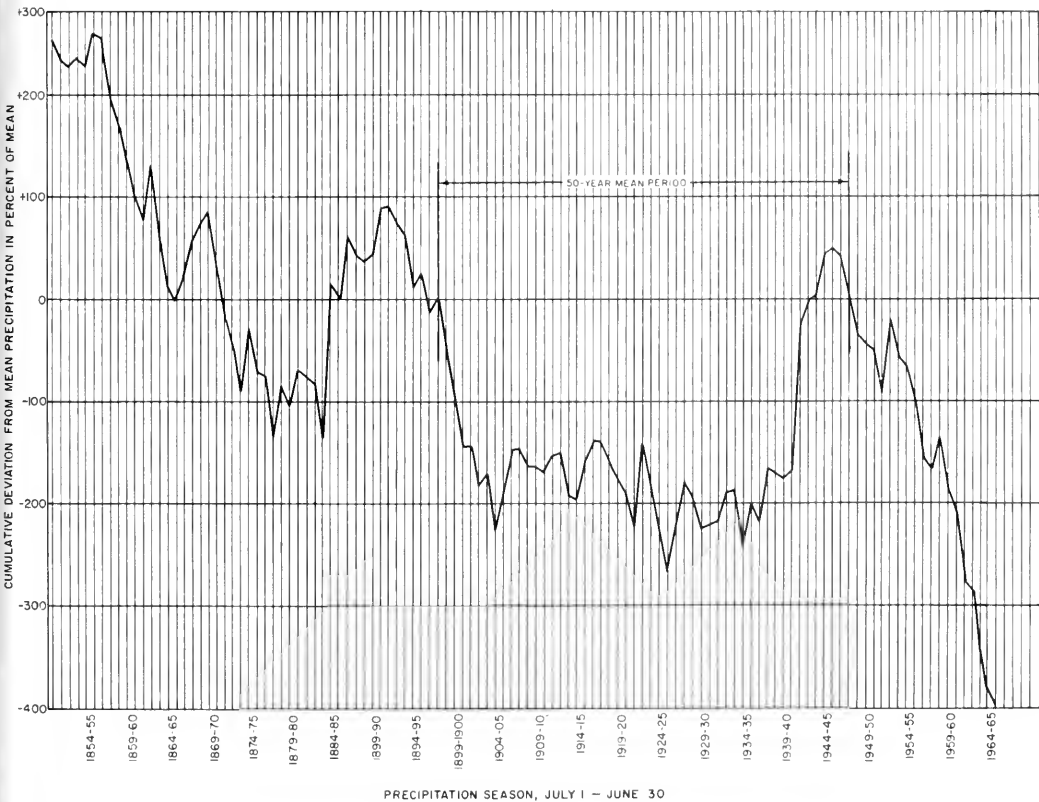
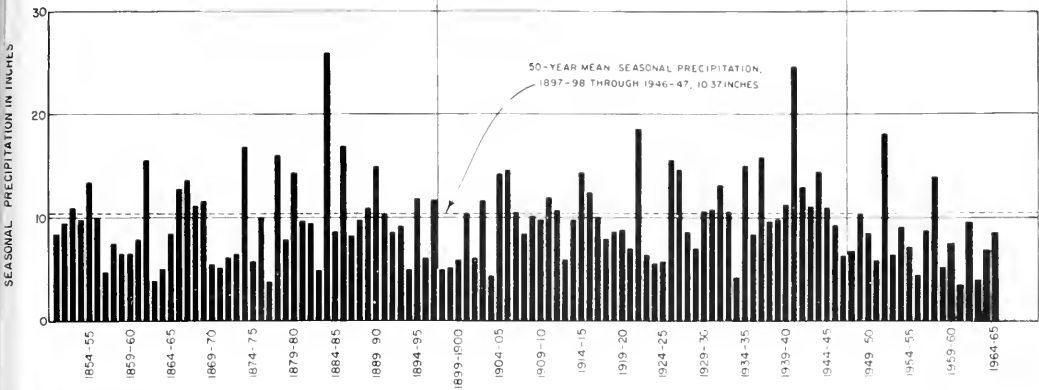
Bishop	Inyo	6.14	2.16	35
Barstow	San Bernardino	4.17	3.13	75
Blythe	Riverside	4.03	3.62	90
Brawley	Imperial	2.40	1.60	67



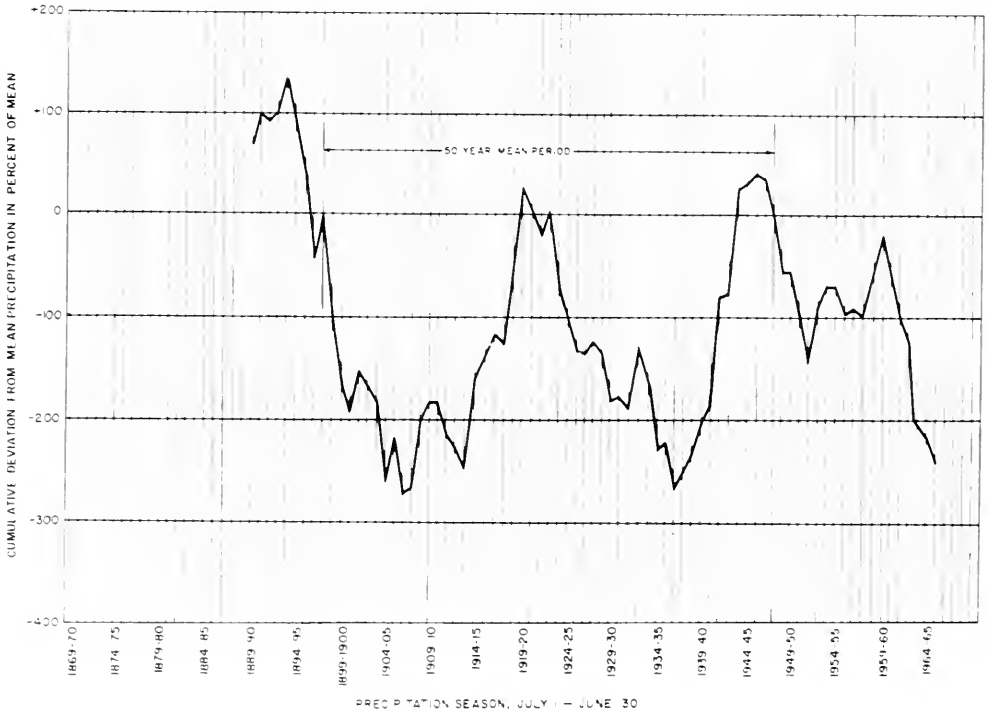
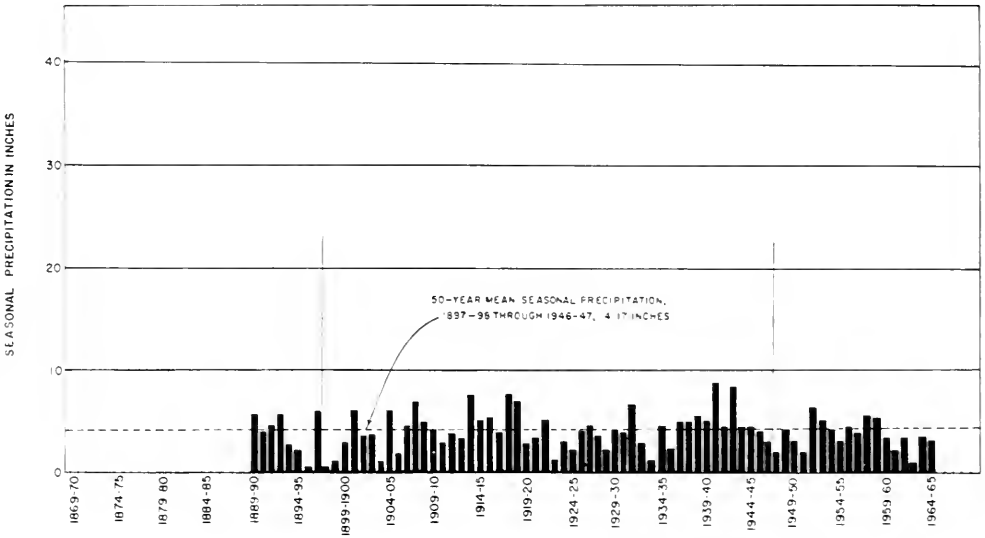
REPRESENTATIVE PRECIPITATION CHARACTERISTICS FOR SAN LUIS OBISPO



REPRESENTATIVE PRECIPITATION CHARACTERISTICS FOR LOS ANGELES



REPRESENTATIVE PRECIPITATION CHARACTERISTICS FOR SAN DIEGO



REPRESENTATIVE PRECIPITATION CHARACTERISTICS FOR BARSTOW

TABLE A-3

CUMULATIVE MONTHLY PRECIPITATION
AT FOUR STATIONS

Month	San Luis Obispo			Los Angeles			San Diego			Barstow		
	50-year	1964-65	season	50-year	1964-65	season	50-year	1964-65	season	50-year	1964-65	season
	: mean	: In	: In	: mean	: In	: In	: mean	: In	: In	: mean	: In	: In
: 1897-1947	: In	: percent	: 1897-1947	: In	: percent	: 1897-1947	: In	: percent	: 1897-1947	: In	: percent	
: in inches	: of mean	: in inches	: of mean	: in inches	: of mean	: in inches	: of mean	: in inches	: of mean	: in inches	: of mean	: in inches
July	0.01	0.02	200	0.01	0	0	0.03	0	0	0.15	0.38	293
August	0.05	0.02	40	0.03	0	0	0.09	0	0	0.41	0.41	100
September	0.28	0.12	43	0.31	0	0	0.23	0	0	0.58	0.41	71
October	1.09	1.55	108	0.90	0.33	37	0.79	0.02	3	0.87	0.41	47
November	2.76	5.34	193	1.96	2.05	105	1.61	1.03	64	1.16	1.03	89
December	6.56	11.12	170	4.46	4.10	92	3.59	2.20	61	1.75	1.03	59
January	11.50	15.22	132	7.41	4.94	67	5.51	2.60	47	2.41	1.37	57
February	16.02	16.64	104	10.78	5.17	48	7.67	3.12	41	3.04	1.42	47
March	19.62	17.93	91	13.45	7.66	57	9.32	4.91	53	3.72	1.97	53
April	20.96	21.84	104	14.40	13.68	95	10.05	8.49	84	3.98	3.00	75
May	21.54	21.88	102	14.74	13.68	93	10.32	8.49	82	4.08	3.00	74
June	21.68	21.88	101	14.81	13.69	92	10.37	8.50	82	4.17	3.13	75

TABLE A-4
 PRECIPITATION AT SOUTHERN CALIFORNIA STATIONS
 CENTRAL COASTAL DRAINAGE PROVINCE (T)

STATION NAME	TOTAL JULY 1 TO JUNE 30	PRECIPITATION IN INCHES																TOTAL OCT 1 TO SEPT 30
		1964						1965										
		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT		
LAARRIZO PLATA HYDROLOGIC UNIT T-11																		
LAJAYS, OR RANCH DUN RANCH # 1	8.44	.	.12	.	.76	1.4	1.77	1.16	.	1.84	1.17	.	.	.14	1.00	1.16	8.40	
SMILES DIV OF HAYS	4.96	.	.	.	.76	1.52	1.43	1.68	1.00	1.13	1.17	.	.	.	1.00	1.00	6.77
EDDA LAKE	6.76	.	.	.	.76	1.72	1.16	1.16	1.00	1.13	1.17	.	.	.	1.00	1.00	6.75
WREDEK	7.69	.	.	.	.76	1.72	1.16	1.16	1.00	1.13	1.17	.	.	.	1.00	1.00	6.02
SANTA MARIA-CUYAMS HYDROLOGIC UNIT T-12																		
CUYAMS	6.11	.	.1	.	.76	1.41	1.16	1.16	1.00	1.13	1.17	.	.	.14	1.00	1.16	6.51	
NIPOMO 2 SA	11.14	.	.	.	.76	1.41	1.16	1.16	1.00	1.13	1.17	.	.	.14	1.00	1.16	18.74
OZENA C S	11.23	.	.	.	.76	1.41	1.16	1.16	1.00	1.13	1.17	.	.	.14	1.00	1.16	11.62
SANTA MARIA AB AP	11.77	.	.1	.	.76	1.41	1.16	1.16	1.00	1.13	1.17	.	.	.14	1.00	1.16	11.82	
SUEY RANCH	12.84	.	.	.	.76	1.41	1.16	1.16	1.00	1.13	1.17	.	.	.14	1.00	1.16	12.84
TATCHELL DAM	14.04	.	.	.14	1.74	1.17	1.16	1.16	1.00	1.13	1.17	.	.	.14	1.00	1.16	14.82	
SAN ANTONIO HYDROLOGIC UNIT T-13																		
HARRIS GAUGING STN LOS ALAMOS	M	M	0.78	0.37	M	M	M	M	M	M	M	M	M	M	M	M	M	
SANTA YNEZ HYDROLOGIC UNIT T-14																		
CACHUMA DAM	15.33	.	.	.14	1.26	1.17	1.16	1.16	1.00	1.13	1.17	.	.	.14	1.00	1.16	15.34	
SIBBALTAR DAM 2	24.76	.	.	.14	1.17	1.17	1.16	1.16	1.00	1.13	1.17	.	.	.14	1.00	1.16	22.76	
JUNCAL DAM	23.44	.	.	.14	1.17	1.17	1.16	1.16	1.00	1.13	1.17	.	.	.14	1.00	1.16	23.50	
LOS BRIEFER R R	21.16	.	.	.14	1.17	1.17	1.16	1.16	1.00	1.13	1.17	.	.	.14	1.00	1.16	21.18	
ELSIPIERREK BASIN ST	17.71	.	.	.14	1.17	1.17	1.16	1.16	1.00	1.13	1.17	.	.	.14	1.00	1.16	17.70	
SAN MIGUELITO DIV SANTA BARBARA TV PA	23.97	.	.	.14	1.17	1.17	1.16	1.16	1.00	1.13	1.17	.	.	.14	1.00	1.16	23.95	
VANDENBERG AFB	24.73	.	.	.14	1.17	1.17	1.16	1.16	1.00	1.13	1.17	.	.	.14	1.00	1.16	24.93	
SANTA BARBARA HYDROLOGIC UNIT T-15																		
PT CONCEPTION	M	T	2	1.17	1.17	1.16	1.16	1.00	1.13	1.17	1.00	1.00	1.00	1.00	1.00	1.00	M	
SANTA BARBARA	18.46	.	.	.14	1.17	1.17	1.16	1.16	1.00	1.13	1.17	.	.	.14	1.00	1.16	18.50	
SANTA BARBARA FAA AP	17.84	.	.11	.	.	1.17	1.16	1.16	1.00	1.13	1.17	.	.	.14	1.00	1.16	17.84	

*-PARTIALLY ESTIMATED

T-TOTAL

M-MINIMUM DATA

TABLE A-4
PRECIPITATION AT SOUTHERN CALIFORNIA STATIONS
LOS ANGELES DRAINAGE PROVINCE (U)

STATION NAME	TOTAL JULY 1 TO JUNE 30	PRECIPITATION IN INCHES												TOTAL OCT 1 TO SEPT 30				
		1964						1965										
		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APRIL	MAY	JUNE		JULY	AUG	SEPT	
JENTINA RIVER HYDROLOGIC UNIT 1933																		
MARICOPA RANCH		M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
AGUIFAS RESERVOIR	24.73	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
MATILAJA RICH	22.77	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
MATILAJA SPRING	18.91	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
SAJUMA	14.92	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
RANCHO MATILAJA SLA	22.09	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
RICE RANCH 150 AC	21.74	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
SELEY RANCH	22.86	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
SOBERA RANCH	22.86	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
STEAKH CAN DER JUN	14.91	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
WACHNER SCHOOL	14.92	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
VENTURA RD	14.97	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
VENTURA RD	14.97	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
SANTA CLARA VALLEJO A HYDROLOGIC UNIT 1933																		
ACTON ESCALADO CANY	7.466	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
ACTON ALICE CANYON	14.92	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
ACTON ALISA RAN M L W	14.92	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
ACTON CAME 2	5.76	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
ACTON-COLCHEM RCH	14.91	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
ACTON HURBARD RCH	7.09	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
AMERICAN S SQUAR CO	14.94	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
AMBER MOUND	21.07	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
BALCOM CYN HUMPHREY	14.93	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
BARDSCALE WINDS RCH	14.94	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
BORGSTROM	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
BOUQUET CANYON	12.45	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
BOUQUET CANYON FOLD	11.91	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
CAMARILLO N SE	14.97	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
CAMARILLO N SW	13.96	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
CAMULOS RANCH	14.61	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
CASTAIC PAPADOL STA	14.97	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
CASTAIC JUNCTION	14.98	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
CHURCH N W RANCH	14.98	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
DRY CANYON RESERVOIR	14.99	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
ELIZABETH LAKE	14.98	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
ELIZABETH LAKE 1289	14.98	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
FILLMORE 1 A W	14.98	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
FILLMORE CATTLE ARN	14.97	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
FILLMORE FISH HATCH	14.97	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
SOPMAN	14.99	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
HALL CANYON RES	14.98	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
HASLEY CANYON	14.98	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
LIMONHRA RANCH	14.99	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
LITTLE SLEIGHT	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
MATILAJA RES	26.19	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
MENY CANYON-THE PAUL	14.97	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
MINT CANYON-RES	14.91	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
MODRPARA 3 SW	14.92	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
MODRPARA 3 NW	14.96	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
NEWBURY PARK 2 SW	11.99	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
NEWBURY PARK W	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
NEWBURY PARK SCALIN	14.92	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
NEHALL RANCH	14.97	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
NEHALL SLEAT ST	14.99	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
NEHALL SLEAT	14.99	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
NEWELL SLEAT	14.99	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
NEWELL SLEAT 192	14.99	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
NEWELL SLEAT 192	14.99	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
NEWELL SLEAT 192	14.99	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
NEWELL SLEAT 192	14.99	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
PIEDRA BLANCA ST	14.99	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
PINE CANYON FAY STA	14.99	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
PINE MOUNTAIN MIN	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
PINE MOUNTAIN MIN	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
PINE MOUNTAIN MIN	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
PINE MOUNTAIN MIN	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M

TABLE A-4
PRECIPITATION AT SOUTHERN CALIFORNIA STATIONS
LOS ANGELES DRAINAGE PROVINCE (U)

STATION NAME	TOTAL JULY 1 TO JUNE 30	PRECIPITATION IN INCHES														TOTAL OCT. 1 TO SEPT 30				
		1964												1965						
		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG		SEPT			
LA-SAN GABRIEL RIVER HYDROLOGIC UNIT U-05																				
ALCAZAR FLOOD CONTROL ALDER CRK PARADISE	14.61	T	0.40	0.00	0.36	2.05	2.11	0.88	0.22	1.54	7.32	T	0.02	0.00	0.33	1.40				16.21
ALHAMBRA-CITY HALL	16.14	0.00	0.60	0.00	0.71	2.58	1.91	1.11	0.47	1.24	8.11	0.00	T	0.15	0.06	1.40				17.75
ANGELES CREST MAY	15.05	0.00	0.00	0.30	0.36	2.09	2.08	0.90	0.39	1.78	7.44	T	0.34	0.04	0.37	1.36				16.49
ALISO CANYON OAT MTN ALTA CANYON	21.40	0.00	0.05	0.00	0.53	2.09	6.25	0.91	0.89	2.28	8.35	0.00	0.11	0.00	0.27	1.19				22.81
	19.85	0.00	0.02	0.02	0.65	2.48	3.67	1.25	0.37	0.38	8.35	0.02	0.37	0.03	0.30	2.46				22.86
ALTADENA	16.30	0.00	0.32	0.32	0.54	2.89	2.02	0.91	0.66	1.44	7.19	0.44	0.17	0.39	0.06	1.87				18.24
ALTADENA GOLF	17.84	0.00	0.00	0.00	0.53	3.15	2.13	1.03	0.63	1.34	8.13	0.25	0.29	0.07	0.17	2.17				20.25
ANGELES CREST G S	21.19	0.00	0.00	0.00	0.87	3.83	3.58	1.26	0.92	2.59	8.58	0.21	0.43	0.39	0.29	2.09				23.62
ANGELES CREST MAY	24.34	0.00	T	0.20	0.40	3.70	4.43	1.50	1.13	0.76	5.33	0.20	0.41	0.00	0.23	2.10				24.67
ARCADIA ARBORETUM	15.89	0.00	0.00	0.30	0.27	2.42	1.73	0.81	0.58	1.92	7.64	0.41	0.38	0.07	0.30	1.16				17.42
ARCADIA PP 1	16.59	0.00	0.00	0.00	0.32	2.78	1.96	0.93	0.50	1.10	8.11	0.41	0.21	0.06	0.24	1.76				18.88
ARTESIA	11.07	0.00	0.00	0.00	0.09	1.16	1.65	0.49	0.39	2.51	6.78	0.00	0.01	0.00	0.18	0.41				11.44
ARROYO SECO R S	18.41	0.00	0.00	0.72	0.65	3.22	2.74	1.08	0.68	1.45	8.15	0.14	0.28	0.10	0.14	1.92				20.50
ASSOC OIL ANAHEIM 1	11.54	0.00	0.00	0.00	0.12	1.40	1.44	0.52	0.24	1.52	5.90	0.00	0.30	0.09	0.34	0.71				11.39
AZUSA CITY PARK	15.81	0.00	0.00	0.00	0.32	2.44	1.97	0.97	0.38	0.95	8.23	0.02	0.14	0.24	0.20	0.93				17.26
AZUSA FOOTHILL RCH	16.48	0.00	0.00	0.30	0.30	2.37	2.27	1.06	0.35	1.57	8.35	0.13	0.19	0.39	0.02	0.88				17.77
AZUSA GRIFFITH RCH	14.67	0.00	0.00	T	0.25	2.05	2.03	0.80	0.25	1.36	7.72	0.00	0.13	0.33	0.00	0.73				15.69
AZUSA PLT-GIC	16.78	T	0.00	T	0.28	2.54	2.35	0.88	0.56	1.70	8.11	0.14	0.22	0.42	0.19	0.90				18.22
BAILEY DEBRIS DAM	19.23	0.00	0.00	0.30	0.41	3.07	2.42	1.23	0.94	1.75	8.38	0.13	0.34	0.20	0.16	2.74				22.33
BALDWIN HILLS	12.78	0.00	0.00	0.30	0.33	2.00	1.74	0.50	0.46	1.52	5.73	T	0.23	0.00	0.20	1.00				12.88
BALDWIN HILLS RES BALDWIN PARK	12.61	0.00	0.00	0.00	0.33	1.55	2.24	0.53	0.53	1.21	6.18	0.20	0.00	0.00	0.11	0.11				12.71
BALDWIN HILLS RES BARLEY FLAT	14.38	0.00	0.00	0.00	0.17	2.11	1.84	0.75	0.29	1.20	8.15	0.14	0.27	0.11	0.20	1.34				15.83
BARLEY FLAT	18.54	0.00	0.00	0.00	0.84	3.61	3.12	0.89	0.60	1.49	7.15	T	0.22	0.05	0.24	0.84				20.32
BARLOW SANITARIUM	11.14	0.00	0.00	0.20	0.12	1.55	1.73	0.50	0.41	1.37	6.19	0.00	0.14	0.00	0.08	1.24				11.36
BARNESON PARK	12.18	0.00	0.00	0.00	0.00	1.12	1.45	0.75	0.45	2.28	6.09	0.13	0.00	0.00	0.00	0.00				12.18
BEAR CR CRYSTAL LAKE	M	T	0.10	0.00	0.63	3.74	3.44	0.93	0.42	2.22	15.22	0.00	0.38	0.36	0.43	1.21				28.81
BEL AIR FC IG	14.78	0.00	0.30	0.00	0.54	1.79	3.11	1.74	0.58	1.41	6.25	0.09	0.00	0.00	0.14	2.29				15.20
BELL FIRE STA	11.63	0.00	0.00	0.00	0.16	1.27	2.25	0.47	0.39	2.44	5.41	0.00	0.00	0.00	0.16	0.23				11.18
BEVERLY HILLS	15.21	0.00	T	0.02	0.38	1.63	3.55	0.95	0.22	1.97	6.64	0.00	0.37	0.19	0.44	1.24				15.56
BIG DALTON DAM	20.53	T	0.01	0.08	0.38	3.14	3.15	0.51	0.75	1.85	8.30	0.21	0.37	0.15	0.03	2.27				21.56
BIG DALTON-MONROE	25.55	0.00	0.00	0.00	0.40	2.87	2.94	1.19	0.76	1.81	5.02	0.12	0.33	0.11	0.43	1.69				16.30
BIG SANTA ANITA DAM	14.67	0.00	0.00	T	0.23	3.17	3.43	1.48	0.42	1.95	9.77	0.35	0.34	0.45	0.16	2.90				20.11
BIG SANTA ANITA R S	24.99	0.00	0.00	0.00	0.61	3.72	4.34	1.55	1.38	1.21	11.43	0.20	0.57	0.53	0.43	3.73				28.68
BIG TUJUNDA DAM	18.53	0.00	0.00	0.00	0.82	3.17	2.09	0.99	0.58	2.37	5.91	0.15	0.27	0.05	0.15	0.81				19.72
BLUE RIDGE CAMP	8.10	0.12	0.00	0.20	0.31	2.57	1.00	0.58	0.40	0.40	1.99	0.33	0.02	0.04	0.41	0.51				11.34
BORCAY CANYON	21.42	0.00	0.00	0.00	0.68	3.25	3.41	0.88	0.94	2.21	10.44	0.00	0.21	0.44	0.23	1.51				23.85
BRADBURG DEBRIS BASIN	16.61	0.00	0.00	T	0.26	2.77	2.44	0.94	0.33	1.26	7.71	0.10	0.23	0.42	0.10	1.65				17.67
BRAND PARK	14.11	0.00	0.00	0.00	0.00	2.12	1.44	0.89	0.56	1.17	6.33	0.00	0.16	0.09	0.19	1.75				15.91
BREA CITY	11.34	0.00	0.00	0.00	0.14	1.67	1.44	0.57	0.36	1.22	5.75	0.00	0.00	0.04	0.11	0.62				10.11
BREA UNION OIL	10.99	0.00	0.00	0.00	0.26	1.30	1.43	0.51	0.71	1.92	5.03	0.00	0.12	0.04	0.08	1.55				11.11
BRIDGES RES NO 1	16.43	0.00	0.00	T	0.48	2.44	1.85	1.26	0.96	1.13	7.11	0.00	0.14	0.06	0.17	1.88				16.53
BRIGGS TERRACE	22.39	T	0.08	0.00	0.62	3.44	3.74	1.38	1.26	1.40	5.75	0.46	0.46	0.13	0.14	1.93				23.22
BUCKHORN FLAT	22.78	0.00	0.00	T	0.64	3.09	2.48	0.72	1.12	0.53	13.36	0.02	0.04	0.11	0.13	1.28				23.71
BURN PARK	11.41	0.00	0.00	0.00	0.11	1.18	1.73	0.50	0.41	1.37	6.43	0.00	0.11	0.04	0.10	1.24				14.85
BURBANK FIRE DEPT	12.79	0.00	0.00	0.30	0.46	2.27	1.45	0.68	0.50	1.42	6.86	T	0.23	0.04	0.13	0.33				14.43
BURBANK WB AIRPORT	11.33	0.00	0.00	0.00	0.37	1.74	1.43	1.00	0.29	0.98	5.66	0.70	0.08	0.04	0.14	0.75				12.16
CALABAZAS	15.75	0.00	0.00	0.00	0.43	2.32	2.18	0.40	0.50	1.11	5.43	0.23	0.00	0.00	0.14	2.25				16.34
CAMP JOSEPHO	20.27	0.00	0.00	0.00	0.82	2.12	4.11	0.98	0.81	1.41	8.87	T	0.23	0.23	0.17	2.22				20.86
CAMP RINCON	11.75	0.04	0.00	0.00	0.27	3.11	1.44	1.03	1.17	1.48	5.87	T	0.23	0.10	0.11	1.20				12.00
CAMP VALCREST	21.26	0.00	0.00	0.00	0.71	2.78	2.18	0.79	0.82	1.14	4.45	0.00	0.22	0.08	0.43	1.50				23.48
CANOGA PARK PIERCE C CEDAR SPRINGS	14.25	0.00	0.01	0.11	0.44	2.36	2.14	0.43	0.57	1.23	10.70	0.00	0.11	0.20	0.19	1.18				14.90
CHATSWORTH F C 24 D	27.05	0.11	T	0.00	0.57	3.44	4.08	1.11	1.12	1.85	10.44	0.00	0.00	0.00	0.14	1.06				27.05
CHATSWORTH F C 24 D	14.96	0.00	0.00	0.00	0.66	1.68	4.13	0.55	0.48	0.83	6.87	0.00	0.00	0.00	0.32	0.56				15.88
CHATSWORTH PAT STA	17.43	0.00	0.00	0.00	0.48	1.43	5.74	0.84	0.65	1.48	6.44	0.13	0.33	0.00	0.42	1.44				18.29
CHILAD RANGER STA	16.73	T	0.00	0.00	0.11	2.49	1.43	0.44	0.48	1.48	10.36	0.00	0.11	0.01	0.17	0.95				18.58
CLAREMONT INDIAN HILL	14.97	0.00	0.00	0.00	0.34	1.11	1.48	1.12	0.85	1.23	6.93	0.14	0.14	0.11	0.13	1.72				15.80
CLAREMONT SLAGHTER	14.71	0.00	0.00	0.00	0.26	2.20	1.73	0.91	0.61	1.72	7.07	0.00	0.24	0.11	0.13	0.99				15.46
CLEAR CREEF SCHOOL	26.32	0.00	0.00	0.00	1.53	3.33	4.28	1.77	0.88	1.41	10.44	0.00	0.00	0.00	0.14	1.77				28.14
CLEAR CREEF G S	11.75	0.00																		

TABLE A-4
PRECIPITATION AT SOUTHERN CALIFORNIA STATIONS
LOS ANGELES DRAINAGE PROVINCE (U)

STATION NAME	TOTAL JULY 1 TO JUNE 30	PRECIPITATION IN INCHES												TOTAL OCT 1 TO SEPT 30					
		1964						1965											
		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APRIL	MAY	JUNE		JULY	AUG	SEPT		
LA-NAN GABRIEL RIVER HYDROLOGIC UNIT 0055																			
COVINA TEMPLE FC 193	14.55	.	.	T	1.32	1.74	1.37	1.34	4.48	1.79	1.16	.	.	0.73	0.52	T	0.83	14.90	
CRYSTAL LAKE FC 2833	24.17	.	.	T	0.97	3.45	3.40	1.74	1.71	1.6	10.48	.	.	2.0	0.76	0.41	1.73	26.27	
SILVER CITY	13.85	.	.	T	0.48	1.50	1.19	1.18	0.6	1.1	1.4	.	.	0.1	0.01	0.06	0.76	13.98	
DAAN ME	21.71	.	.	T	0.5	2.71	3.07	1.58	0.89	0.9	1.44	.	.	0.7	0.20	0.14	2.36	44.26	
DEER JERRIS BASIN	16.44	.	.	T	0.50	0.50	2.04	1.68	0.5	1.02	0.79	.	.	0.13	0.04	0.14	1.74	18.32	
DEPT W P S VALLEY	11.18	.	.	T	0.66	1.77	1.44	1.77	1.13	0.3	0.7	.	.	0.0	0.02	0.01	0.83	11.92	
NEPANDA WARDENS	17.80	.	.	T	0.42	2.74	0.79	1.15	0.85	1.29	1.08	.	.	0.13	0.74	0.18	1.15	20.21	
DEPT W WARDENS	14.90	.	.	T	0.87	1.41	0.43	0.67	0.5	0.66	0.7	.	.	0.13	0.02	0.39	0.44	16.59	
DEVILS GATE DAM	17.29	.	.	T	0.11	0.46	1.44	1.41	0.56	0.78	0.9	.	.	0.13	0.19	0.17	1.08	17.423	
DOMINGUEZ WATER CO	11.39	.	.	T	0.14	1.16	1.43	0.41	0.4	0.6	0.8	.	.	0.0	0.00	0.00	0.24	11.55	
GRANBY FIRE DEPT	15.76	.	.	T	0.51	1.18	1.19	0.99	0.3	0.41	0.48	.	.	0.3	T	0.24	1.27	13.27	
RIARTE FIRE STS	14.29	.	.	T	0.43	0.41	1.03	1.44	0.46	0.2	0.1	.	.	0.03	0.09	0.01	1.14	17.202	
CHUMBERA CANYON-HIPPER	14.77	.	.	T	0.68	1.31	1.44	1.33	0.7	0.4	1.7	.	.	0.17	0.01	0.14	0.48	14.80	
GUENOUR JERRIS BAS	16.18	.	.	T	0.2	2.2	1.74	1.39	0.78	1.1	1.03	.	.	0.13	0.10	0.06	0.53	20.87	
EAGLE DEBRIS BASIN	16.26	.	.	T	0.7	1.44	1.74	1.07	0.76	1.02	0.84	.	.	0.15	0.05	0.28	1.18	18.55	
EAGLE ROCK SCAF	14.37	.	.	T	0.45	2.02	1.23	0.94	0.7	1.03	1.09	.	.	0.13	0.01	0.09	1.45	16.82	
EAGLE ROCK RES	14.19	.	.	T	0.67	2.00	1.03	0.41	0.8	0.85	1.19	.	.	0.16	0.08	0.12	1.35	15.74	
EATON WASH DAM	16.59	.	.	T	0.41	0.75	1.47	1.09	0.5	0.69	1.4	.	.	0.15	0.06	0.18	1.98	18.81	
ECHO PARK-LA	14.17	.	.	T	0.52	1.41	1.07	0.97	0.43	0.4	0.71	.	.	0.0	0.13	0.00	0.42	15.39	
EL CABALLERO CON LUGO	17.33	.	.	T	0.2	1.41	0.33	0.70	0.34	0.24	0.71	.	.	0.0	0.00	0.39	0.14	17.82	
ELDER RANCH	16.99	.	.	T	0.28	2.54	2.54	1.21	0.5	1.71	1.77	.	.	0.1	0.12	0.01	0.79	17.90	
EL MONTE FIRE STS	14.23	.	.	T	0.22	1.34	1.03	0.70	0.5	0.67	0.77	.	.	0.15	0.03	0.43	0.67	15.11	
EL DORADO CANYON	17.27	.	.	T	0.2	1.1	2.03	1.27	0.4	0.6	0.8	.	.	0.13	0.00	0.12	0.37	18.51	
EL KEGUINDO	14.87	.	.	T	0.1	1.08	0.03	0.97	0.5	0.93	0.03	.	.	T	T	0.16	0.62	11.05	
ELYSIAN PARK FS	11.49	.	.	T	0.26	1.43	1.44	0.82	0.41	0.75	0.44	.	.	0.0	0.14	0.00	0.04	11.44	
ENGINE RESERVOIR	14.95	.	.	T	0.4	1.47	0.87	0.69	0.25	1.46	0.93	.	.	0.03	0.00	0.54	0.64	15.645	
ENGINE BASIN	12.43	.	.	T	0.48	1.44	0.43	0.63	0.4	0.7	0.78	.	.	0.03	0.00	0.03	0.43	14.09	
FAIR OAKS DEP DAM	17.78	.	.	T	0.8	1.14	2.47	0.93	0.66	0.76	0.26	.	.	0.4	0.04	0.10	0.12	20.77	
FALLING SPRINGS	22.80	.	.	T	0.7	3.15	3.44	1.13	1.31	1.51	1.0	.	.	0.28	0.32	0.13	0.39	18.88	24.74
FERR CANYON	23.94	.	.	T	0.52	4.11	4.53	1.00	1.52	1.58	11.13	.	.	0.13	0.24	0.20	0.20	15.57	
FISH CANYON	26.44	.	.	T	0.1	6.53	4.43	2.04	0.7	0.75	11.03	.	.	0.11	0.48	0.26	1.73	29.90	
FLINTRIDGE F S	16.56	.	.	T	0.48	1.77	2.17	0.89	0.70	1.40	0.87	.	.	0.1	0.05	0.16	0.50	18.27	
FULLERTON ARROSES ROW	14.15	.	.	T	0.5	1.47	1.34	0.59	1.0	1.25	0.74	.	.	0.0	0.1	0.03	0.48	11.17	
FULLERTON HILLSIDE RE	10.85	.	.	T	0.3	1.32	1.09	0.59	0.18	0.24	0.45	.	.	0.04	0.03	0.03	0.07	11.46	
FULLERTON KNOLLTON	11.19	.	.	T	0.18	1.37	1.44	0.48	1.17	1.35	0.47	.	.	0.1	0.13	0.03	0.00	11.69	
FULLERTON PUMP PLANT	9.45	.	.	T	0.48	1.37	1.44	0.54	0.18	0.82	1.09	.	.	0.03	0.32	0.04	0.01	0.44	
FULLERTON S P	9.86	.	.	T	0.15	1.13	1.43	0.49	0.13	1.44	1.0	.	.	0.0	0.01	0.1	0.3	10.14	
FULLERTON ACFON YARD	10.39	.	.	T	0.17	1.33	1.44	0.52	0.15	0.24	0.48	.	.	0.0	0.0	0.1	0.62	11.07	
GIBARD HIRANT RANCH	15.43	.	.	T	0.87	2.2	2.48	1.65	0.40	0.77	0.78	.	.	0.0	0.0	0.4	0.39	15.86	
GIBARD RESERVOIR	14.86	.	.	T	0.40	2.41	2.41	0.34	0.27	0.46	0.71	.	.	0.0	0.03	0.19	1.24	15.13	
GLENDALE WARDENS	15.23	.	.	T	0.36	3.08	1.94	1.00	1.48	0.98	0.04	.	.	0.02	0.04	0.22	1.60	16.76	
GLENDALE-JONES	14.78	.	.	T	0.31	2.12	1.79	0.68	1.38	0.78	0.73	.	.	0.12	0.24	0.17	1.08	18.13	
GLENDALE-MONTAGNE	14.24	.	.	T	0.40	2.15	1.68	1.04	0.37	0.44	0.44	.	.	0.12	0.12	0.18	1.05	18.31	
GLENDALE WEST FC 185	16.44	.	.	T	0.30	2.22	2.43	1.16	0.37	0.69	0.02	.	.	0.15	0.19	0.17	0.97	17.63	
GLENDALE-ROGAN	16.88	.	.	T	0.30	2.50	2.79	1.06	0.45	1.51	1.47	.	.	0.15	0.23	0.14	1.24	18.41	
GLENDALE-ROGUE/D RCH	17.76	.	.	T	0.33	1.14	1.74	1.66	0.56	1.63	0.34	.	.	0.14	0.13	0.03	1.22	19.07	
GLENDALE-SANTO	16.43	.	.	T	0.48	1.44	1.44	0.83	0.4	0.74	0.78	.	.	0.13	0.13	0.03	0.83	17.26	
GLENDALE-WARREN	14.29	.	.	T	0.4	2.45	1.06	1.00	0.7	1.65	0.14	.	.	0.1	0.1	0.1	1.20	17.63	
GRANADA PUMP PLT	16.25	.	.	T	0.6	2.19	4.01	0.76	1.58	1.15	0.48	.	.	0.1	0.3	0.19	0.91	16.94	
GRIFFITH BR SUBFERY	14.81	.	.	T	0.38	1.45	2.44	1.07	0.5	1.59	1.17	.	.	0.1	0.14	0.11	1.40	15.63	
GRIFFITH BR ZON	15.82	.	.	T	0.38	1.44	2.83	0.92	0.74	1.71	1.4	.	.	0.1	0.10	0.11	0.74	16.56	
GRIFFITH EENH DELL	13.38	.	.	T	0.10	1.68	1.77	1.07	0.41	1.54	1.03	.	.	0.1	0.0	0.1	0.84	14.420	
GRIFFITH LIT CN	14.75	.	.	T	0.3	1.61	2.28	1.05	0.38	1.49	1.03	.	.	0.1	0.0	0.1	0.84	14.577	
GRIFFITH WAR MINERAL	14.59	.	.	T	0.35	1.85	2.48	0.90	0.44	1.12	1.15	.	.	0.1	0.0	0.1	0.74	15.36	
GUFFEY CAMP	19.73	.	.	T	0.74	2.43	1.37	1.74	0.4	0.8	0.4	.	.	0.14	0.13	0.47	0.83	20.33	
HAINES CANYON LOWER	23.49	.	.	T	0.70	6.23	2.11	0.75	0.7	1.14	1.09	.	.	0.1	0.1	0.1	0.4	26.35	
HAINES CANYON UPPER	24.43	.	.	T	0.75	6.15	2.44	1.12	0.7	1.14	1.09	.	.	0.1	0.1	0.1	0.4	27.08	
HAMILTON HVAL LONG BR	15.22	.	.	T	0.23	1.23	1.54	0.55	0.41	0.6	0.6	.	.	0.1	0.0	0.2	0.62	16.60	
HANSEN DAM	12.75	.	.	T	0.3	1.77	1.77	0.70	0.7	0.65	0.09	.	.	0.0	0.0	0.04	0.54	14.89	
HEATHCOTE PUMP PLT	13.41	.	.	T	0.31	2.27	1.83	0.81	0.4	0.7	0.07	.	.	0.1	0.1	0.1	0.67	14.28	
HENTNER FLSIC	21.01	.	.	T	0.5	4.46	2.43	1.46	0.7	1.81	1.44	.	.	0.1	0.1	0.1	0.3	25.29	
HIGHLAND BRIDGES	16.59	.	.	T	0.37	2.43	1.53	0.68	0.46	0.74	0.76	.	.	0.1	0.1	0.1	0.4	18.32	
HIGHLAND R-HILIN-SAY	14.79	.	.	T	0.38	2.44	1.44	0.81	0.46	0.74	0.88	.	.	0.1	0.1	0.1	0.4	16.30	
HILLCREST COUNTY CB	11.86	.	.	T	0.88	0.22	3.04	0.67	0.7	0.6	0.8	.	.	0.1	0.0	0.12	0.12	16.30	
HILSEEE FC 67A	3.46	.	.	T	0.75	0.12	5.04	1.91	1.4	1.07	1.7	.	.	0.1	0.08	0.34	1.81	35.57	
HOLIDAY HILL	14.51	.	.	T	0.3	2.12	1.44	0.54	0.7	0.7	0.7	.	.	0.1	0.1	0.1	0.3	15.44	
HOLLWOOD DAM	14.51	.	.	T	0.3	2.12	1.44	0.54	0.7	0.7	0.7	.	.	0.1	0.1	0.1	0.3	15.44	
HUNTINGTON PARK	17.78	.	.	T	0.39	1.39	2.43	1.03	0.7	0.8	0.8	.	.	0.1	0.0	0.1	0.4	18.70	
HUNLEWOOD FS	21.19	.	.	T	0.29	1.22	2.38	1.44	0.4	0.42	0.73	.	.	0.0	0.0	0.02	0.57	11.78	

TABLE A-4
 PRECIPITATION AT SOUTHERN CALIFORNIA STATIONS
 LOS ANGELES DRAINAGE PROVINCE (U)

STATION NAME	TOTAL JULY 1 TO JUNE 30	PRECIPITATION IN INCHES																TOTAL OCT. 1 TO SEPT 30
		1964						1965										
		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT		
LA-SAN GABRIEL RIVER HYDROLOGIC UNIT U-05																		
WEST COVINA KELLER RN	14.59	0.00	0.00	0.00	0.20	1.46	2.00	0.77	1.2	1.5	1.74	0.01	0.00	0.00	T	1.31	15.93	
WEST FORK R S	32.37	0.00	0.00	0.00	0.71	5.40	5.83	1.18	1.75	1.87	1.00	0.00	0.06	0.71	0.21	0.81	34.10	
WHITTIER CITY HALL	12.47	0.00	0.00	0.00	0.13	1.29	1.61	0.85	1.3	1.69	1.71	0.00	T	0.01	T	1.01	13.49	
WHITTIER-CATE	12.11	0.00	0.00	0.00	0.19	1.43	1.87	0.64	1.11	1.88	1.95	0.00	0.04	0.01	0.13	1.21	13.46	
WHITTIER-WOOD	12.91	0.00	0.10	0.00	0.19	1.58	1.75	0.66	1.20	2.14	2.39	0.00	0.10	0.07	0.00	1.35	14.33	
WHITTIER NARROWS	14.03	T	0.00	T	0.19	1.83	2.10	0.70	1.40	1.93	0.85	T	0.00	0.00	0.10	0.57	14.73	
WILMINGTON-2	11.59	0.00	0.00	0.04	0.20	1.25	1.75	0.60	1.48	1.75	1.94	0.00	0.00	0.00	0.00	0.27	11.82	
WILSON CANYON	18.91	0.00	0.00	0.00	0.88	2.32	3.13	0.86	1.71	2.37	2.04	0.00	0.07	0.20	0.02	2.31	21.44	
WOLFSKILL CYN-UPPER	22.11	0.14	0.00	0.00	0.51	2.44	3.29	1.50	1.84	2.18	2.66	0.23	0.54	0.07	0.00	1.35	23.46	
WRIGHTWOOD FIRE STA	12.56	T	T	0.00	1.01	3.35	0.77	1.40	1.17	1.10	1.92	0.05	0.73	0.47	1.09	0.45	14.57	
YORBA LINDA	M	M	M	M	0.16	1.22	1.50	0.30	1.15	1.35	1.76	0.05	0.04	0.14	0.05	1.08	12.38	
YORBA RESERVOIR	10.69	0.00	0.00	0.03	0.14	1.34	1.28	0.0	1.10	1.67	1.16	T	0.02	0.10	0.00	1.01	11.77	
SAN PEDRO CH ISLANDS HYDROLOGIC UNIT U-06																		
AVALON PLEASURE PIER	10.04	0.00	0.00	0.05	0.12	1.36	1.07	0.67	1.20	1.94	1.57	0.00	0.19	0.00	0.02	0.20	10.21	
SANTA CATALINA WB AP	10.29	0.20	0.00	0.05	0.26	1.37	0.95	0.51	1.24	2.17	1.58	0.00	0.16	0.02	0.03	0.11	10.40	

*-PARTIALLY ESTIMATED

T-TIMATE

M-MISSING DATA

TABLE A-4
PRECIPITATION AT SOUTHERN CALIFORNIA STATIONS
LAHONTAN DRAINAGE PROVINCE (W)

STATION NAME	TOTAL JULY 1 TO JUNE 30	PRECIPITATION IN INCHES																TOTAL OCT. 1 TO SEPT. 30
		1964						1965										
		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT		
MONTE HYDROLOGIC UNIT W-01																		
RAIN WANCH	11.70	4.6	4.1	T	4.6	14.66	3.01	2.13	4.26	0.18	1.43	4.25	0.61	1.98	0.51	0.24	12.32	
ELLERY LAKE	7.70	4.3	14.4	M	14.25	34.3	12.423	14.0	14.0	14.27	11.76	10.70	0.58	0.34	2.56	0.75	32.34	
SEM LAKE	7	7.3	14.7	M	4.6	34.45	74.75	44.59	14.1	74.7	14.9	4.26	0.74	0.70	2.23	0.50	25.49	
MONTE LAKE	7	3.4	14.11	M	7.15	14.7	44.64	14.25	4.4	4.92	14.17	14.74	0.73	0.50	0.68	0.46	12.75	
PAFNS HYDROLOGIC UNIT W-03																		
ALARAMA HILLS	2.63	4.2	4.1	4.2	4.1	4.2	4.18	4.6	4.1	4.74	4.17	4.22	4.19	4.44	4.41	0.00	3.23	
BISHOP CREEK INTAKE	6.72	4.2	4.2	4.2	4.2	4.2	4.18	4.77	4.74	4.74	4.17	4.18	4.22	1.70	1.14	4.00	10.26	
BISHOP W. AIRPORT	2.16	4.2	4.2	4.2	4.2	4.2	4.24	4.48	4.2	4.78	4.47	4.22	4.22	0.59	0.61	0.02	3.33	
BISHOP AIRPORT	4.78	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	14.03	
WATLEE	4.20	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.21	4.22	4.2	4.2	4.2	4.2	4.2	14.03	
INDEPENDENCE LONE PINE																		
LONE PINE	3.14	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	14.03	
L. S. AQUEDUCT INTAKE	3.14	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	14.03	
WAGMOTH	3.14	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	14.03	
ROCK CREEK LAQUP	17.57	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	20.95	
TINEMAHAS WHITE MOUNTAIN 2																		
WHITE MOUNTAIN 2	24.72	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	27.14	
DEEP SPRINGS HYDROLOGIC UNIT W-15																		
DEEP SPRINGS COLLEGE WHITE MOUNTAIN 1																		
WHITE MOUNTAIN 1	14.72	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	17.99	
AMARGOSA HYDROLOGIC UNIT W-19																		
DEATH VALLEY																		
DEATH VALLEY	7.36	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	7.36	
SEARLES HYDROLOGIC UNIT W-21																		
SOUTH TRONA TRONA																		
TRONA	7.42	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	8.27	
INDIAN WELLS HYDROLOGIC UNIT W-24																		
FREEMAN STATION HAIKES SPRING USE																		
HAIKES SPRING USE	5.20	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	5.20	
INDIAN WELLS LITTLE LAKE																		
LITTLE LAKE	4.48	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.48	
FREEMAN HYDROLOGIC UNIT W-25																		
TANFILL TANFILL																		
TANFILL	7.24	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	7.24	
ANTILLAS ANTILLAS																		
ANTILLAS ANTILLAS																		
ANTILLAS	4.20	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.20	
ANTILLAS ANTILLAS																		
ANTILLAS	4.20	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.20	
ANTILLAS ANTILLAS																		
ANTILLAS	4.20	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.20	
ANTILLAS ANTILLAS																		
ANTILLAS	4.20	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.20	
ANTILLAS ANTILLAS																		
ANTILLAS	4.20	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.20	
ANTILLAS ANTILLAS																		
ANTILLAS	4.20	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.20	
ANTILLAS ANTILLAS																		
ANTILLAS	4.20	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.20	
ANTILLAS ANTILLAS																		
ANTILLAS	4.20	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.20	
ANTILLAS ANTILLAS																		
ANTILLAS	4.20	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.20	
ANTILLAS ANTILLAS																		
ANTILLAS	4.20	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.20	
ANTILLAS ANTILLAS																		
ANTILLAS	4.20	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.20	
ANTILLAS ANTILLAS																		
ANTILLAS	4.20	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.20	
ANTILLAS ANTILLAS																		
ANTILLAS	4.20	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.20	
ANTILLAS ANTILLAS																		
ANTILLAS	4.20	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.20	
ANTILLAS ANTILLAS																		
ANTILLAS	4.20	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.20	
ANTILLAS ANTILLAS																		
ANTILLAS	4.20	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.20	
ANTILLAS ANTILLAS																		
ANTILLAS	4.20	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.20	
ANTILLAS ANTILLAS																		
ANTILLAS	4.20	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.20	
ANTILLAS ANTILLAS																		
ANTILLAS	4.20	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.20	
ANTILLAS ANTILLAS																		
ANTILLAS	4.20	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.20	
ANTILLAS ANTILLAS																		
ANTILLAS	4.20	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.20	
ANTILLAS ANTILLAS																		
ANTILLAS	4.20	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.20	
ANTILLAS ANTILLAS																		
ANTILLAS	4.20	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.20	
ANTILLAS ANTILLAS																		
ANTILLAS	4.20	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.20	
ANTILLAS ANTILLAS																		
ANTILLAS	4.20	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.20	
ANTILLAS ANTILLAS																		
ANTILLAS	4.20	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.20	
ANTILLAS ANTILLAS																		
ANTILLAS	4.20	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.20	
ANTILLAS ANTILLAS																		
ANTILLAS	4.20	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.20	
ANTILLAS ANTILLAS																		
ANTILLAS	4.20	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.20	
ANTILLAS ANTILLAS																		
ANTILLAS	4.20	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.20	
ANTILLAS ANTILLAS																		
ANTILLAS	4.20	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.20	
ANTILLAS ANTILLAS																		
ANTILLAS	4.20	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.20	
ANTILLAS ANTILLAS																		
ANTILLAS	4.20	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.20	
ANTILLAS ANTILLAS																		
ANTILLAS	4.20	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.20	
ANTILLAS ANTILLAS																		
ANTILLAS	4.20	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.20	
ANTILLAS ANTILLAS																		
ANTILLAS	4.20	4.2	4.2	4.2	4.2	4.2	4.24	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.20	
ANTILLAS ANTILLAS																		
ANTILLAS	4.20	4.2	4.2	4.2	4.2	4.2	4.24	4.2										

TABLE A-4
 PRECIPITATION AT SOUTHERN CALIFORNIA STATIONS
 LAHONTAN DRAINAGE PROVINCE (W)

STATION NAME	TOTAL JULY 1 TO JUNE 30	PRECIPITATION IN INCHES												TOTAL OCT. 1 TO SEPT. 30			
		1964						1965									
		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APRIL	MAY	JUNE		JULY	AUG	SEPT
ANTELOPE HYDROLOGIC UNIT W-26																	
HUI VISTA-CARO	3.82	.70	.11	.02	.71	1.81	.07	.70	.06	.59	1.21	.70	.00	.17	.00	.04	4.06
MINT CANYON	5.41	.07	.11	.02	.76	2.07	.11	.07	.95	2.28	0.00	.00	.00	.00	.00	.00	6.23
ISLIP SADDLES	27.20	.11	.11	.02	.76	3.23	1.79	1.07	1.03	1.61	15.41	0.00	.00	.00	.00	.00	28.86
KRATKA SKI LIFT	24.85	.11	.11	.02	.70	3.33	1.79	1.74	1.42	0.77	12.12	.00	.00	.00	.00	.00	25.96
LANCASTER	4.6	.11	.11	.02	.70	1.74	0.07	0.13	0.92	0.45	1.95	0.00	.00	.27	0.28	0.18	4.77
LANCASTER HMS																	
LANCASTER WILEY	4.16	.11	.11	.02	.70	1.74	0.11	0.11	0.00	0.30	1.91	.00	.00	.32	0.39	0.15	4.98
LEONIS VALLEY	13.79	.11	.11	.02	.70	4.57	1.11	0.70	0.12	1.53	4.91	.00	.00	.00	.47	0.31	14.72
LITTLE ROCK	4.59	.11	.11	.02	.70	1.65	0.11	0.07	0.92	1.07	1.91	.00	.00	.28	0.59	0.10	5.50
LITTLE ROCK CREEK	M	T	T	T	T	2.14	0.11	0.17	M	M	M	M	M	1.11	0.29	M	
MESCAL CREEK FT TEJON																	
WILEY HIGH	6.49	.11	.11	.02	.70	2.19	0.11	0.17	.25	.87	2.73	.00	.00	.35	1.13	0.23	7.39
MOJAVE	4.73	.11	.11	.02	.70	2.17	0.11	0.17	.19	.39	3.39	.00	.00	.14	.37	0.39	5.60
MOJAVE 2 ESE	3.19	.11	.11	.02	.70	.3	0.11	0.11	0.00	.00	1.10	.00	.00	.00	.00	0.00	5.28
MT BALDY	24.79	.11	.11	.02	.70	3.65	4.11	3.00	1.09	2.26	12.13	.00	.00	.18	0.96	1.23	14.77
MUNZ VALLEY RCH																	
PACIFIC MOUNTAIN	14.97	.11	.11	.02	.70	2.64	2.94	0.11	10.74	.00	10.74	.00	.00	.23	0.47	0.11	20.64
PALMDALE	M	M	M	T	T	2.26	1.79	0.11	M	0.27	1.92	.00	.00	.00	.18	0.39	M
PALMDALE HMS	4.72	.11	.11	.02	.70	1.48	0.45	0.44	0.00	0.01	2.23	.00	.00	.00	.02	0.33	5.54
PALMDALE CREEK C	5.32	T	T	T	T	2.69	2.24	0.13	1.72	0.44	2.05	.00	.00	.10	0.81	0.23	6.55
PALMDALE FAA AP																	
PALM ROCK RANCH	3.81	.11	.11	.02	.70	2.14	0.11	0.05	0.30	0.40	1.41	.00	.00	.15	0.20	0.26	4.70
PAUL	3.68	.11	.11	.02	.70	0.70	0.00	0.00	0.00	0.00	0.17	M	M	M	M	M	M
PIKE CANYON G S	15.65	.11	.11	.02	.70	3.12	1.20	0.43	0.29	0.78	7.82	.00	.00	.00	.00	.00	17.39
PIUTE BUTTE	4.24	T	T	T	T	4.44	0.18	0.08	T	0.52	1.92	T	T	0.12	0.18	0.21	4.75
PLEASANT VIEW																	
PUZZLE SPRINGS RANCH	6.66	.15	.00	.00	.00	2.23	2.08	0.05	1.10	0.87	2.78	.00	.00	.00	.32	0.65	8.72
SANTIAGO CVN	6.69	.15	.00	.00	.00	2.23	2.08	0.05	1.10	0.87	2.78	.00	.00	.00	.32	0.65	8.72
SAVILL MTN RCH	15.70	.15	.00	.00	.00	2.23	2.08	0.05	1.10	0.87	2.78	.00	.00	.00	.32	0.65	17.17
SYCAMORE CAMP																	
TABLE MOUNTAIN	14.87	.23	.03	.00	.00	4.93	1.72	0.47	0.48	0.61	6.22	T	T	0.30	0.64	0.50	21.36
VALYERMO R S	6.91	.08	.03	.00	.00	2.48	0.08	0.12	0.23	0.87	2.94	.00	.00	.13	0.23	0.54	7.39
WEST ANTELOPE	5.31	T	T	T	T	0.89	0.12	0.15	0.00	0.58	3.09	.00	.00	.00	.00	.00	6.11
WILLOW SPRINGS	8.05	0.00	0.00	0.00	.00	1.63	2.30	0.10	0.00	1.11	2.53	0.04	.00	.00	.00	.00	9.05
WILSONA																	
M	.70	.00	.00	.00	.11	0.63	0.00	0.02	T	0.50	1.50	0.00	M	M	M	M	M
MOJAVE HYDROLOGIC UNIT W-28																	
ADELANTO																	
APPLE VALLEY	3.81	.06	.01	.00	.00	1.18	0.67	0.00	0.04	0.20	0.46	1.39	0.00	.00	.00	.00	4.67
ARROWHEAD R S	36.79	.03	.02	.14	.19	5.55	7.38	3.15	1.93	3.74	14.56	0.39	.00	.45	0.23	0.60	17.6
BAKER 9 NW	3.15	.15	.09	.00	.00	0.62	0.00	0.01	0.27	0.55	1.99	.00	.00	.00	.00	.00	2.96
BARSTOW	3.13	.15	.09	.00	.00	0.62	0.00	0.01	0.24	0.55	1.13	.00	.00	.00	.00	.00	3.65
BARSTOW-2																	
BARSTOW COUNTY YARD	2.89	.15	.00	.00	.00	0.79	0.71	0.02	0.13	0.56	1.20	.00	.00	.04	0.25	0.72	3.79
BIG PINES PARK	3.97	.37	.00	.00	.00	0.75	0.09	0.09	0.59	0.59	1.17	.00	.00	.00	.00	.00	4.28
BLUE JAY WEST	20.44	.74	T	T	T	4.23	2.53	0.95	1.89	1.24	9.20	.00	.00	.43	0.54	3.02	28.22
CEDAR SPRINGS P EVAP	28.51	.15	.02	.17	.06	4.68	7.49	3.15	1.47	3.66	17.57	.00	.00	.00	.00	.00	39.25
DAGGETT FAA AP																	
DUNN SIDING	5.10	.57	.17	.00	.00	1.14	0.00	0.10	0.00	0.80	1.83	.00	.00	.29	0.25	0.41	5.08
HESPERIA	5.68	.06	.02	.00	.00	0.93	0.00	0.03	0.24	0.95	2.00	M	M	1.14	0.16	0.00	M
HESPERIA FFS	M	.07	.00	.00	.22	0.97	0.07	0.00	0.00	0.89	3.44	.00	.00	.00	.00	.00	5.75
HINKLEY 5N	M	.00	.00	.00	.19	1.53	1.05	0.00	.07	0.89	M	M	M	M	M	M	M
JOBS PEAK																	
KRAMER JUNCTION B C	3.13	T	T	T	T	5.82	4.94	1.97	1.70	3.17	10.42	.00	.00	.00	.00	.00	14.00
LAKE ARROWHEAD	33.73	.01	T	.14	.66	5.83	5.75	2.61	1.32	.90	14.48	.13	.10	.17	0.55	0.39	35.39
PHELAN	5.63	.11	.11	.02	.70	1.14	2.79	0.02	0.32	0.76	2.71	.00	.00	.00	.00	.00	7.01
PILOTT ROCK EVAP	M	M	M	M	M	2.3	4.03	1.40	0.73	1.17	16.18	.10	.06	.05	.03	T	0.60
SQUIRREL INN 1																	
SQUIRREL INN 2	37.30	.00	.00	.00	.00	2.53	5.04	2.41	1.33	2.21	11.89	.00	.00	.00	.00	.00	26.35
STODDARD VALLEY	2.48	.00	.00	.00	.00	1.39	1.49	0.12	0.24	2.98	18.72	.15	.24	.22	0.28	1.24	30.27
SUMMIT VALLEY BENTLEY	4.29	.11	.11	.02	.70	1.25	0.00	0.12	0.76	0.44	0.41	.00	.00	.00	.00	.00	4.62
VICTORYVILLE PUMP FLT	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
WRIGHTWOOD	13.77	.10	T	T	1.21	3.24	0.77	3.40	0.19	2.41	4.92	0.05	.00	.73	0.47	1.30	15.78
VERMO INSPECTION STA	4.73	.08	.71	.10	.54	0.67	0.01	0.08	T	0.73	1.89	T	T	.02	0.13	0.43	4.50

*-PARTIALLY ESTIMATED

T-TRACE

M-MISSING DATA

TABLE A-4
PRECIPITATION AT SOUTHERN CALIFORNIA STATIONS
COLORADO DRAINAGE PROVINCE (X)

STATION NAME	TOTAL OCT. 1 TO JUNE 30	PRECIPITATION IN INCHES													TOTAL OCT. 1 TO SEPT 30		
		1964						1965									
		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY		AUG	SEPT
LUCERNE HYDROLOGIC UNIT X-11																	
XAJCER PERMANENT P	4.32				0.6	0.11	0.10	T	0.00	0.28	2.03	0.00	0.00	0.54	1.49	0.78	5.41
LUCERNE VALLEY 1 W W	4.73	0.7	0.4	0.1	0.11	1.15	0.17	0.10	0.02	0.76	0.81	0.00	0.00	0.19	0.46	0.01	3.24
LUCERNE VALLEY 2 W	4.62	0.7	0.4	0.1	0.11	1.15	0.17	0.10	0.02	0.76	0.81	0.00	0.00	0.19	0.46	0.01	3.13
EMERSON HYDROLOGIC UNIT X-05																	
KFE RANCH	5.17					1.56	0.00	0.10	0.00	0.85	2.72	0.00	0.00	0.32	0.15	0.00	5.64
JOSHUA TREE HYDROLOGIC UNIT X-08																	
JOSHUA TREE	M	0.22	0.1	0.32	0.04	0.70	M	0.01	0.01	0.67	0.77	0.00	0.00	0.00	0.18	0.15	M
QUAIL CANYON	4.47	T	T	T	0.0	0.00	0.00	0.00	0.01	0.27	0.2	0.00	0.00	0.00	0.30	0.10	0.87
YUCCA VALLEY	4.2	0.20	0.35	0.20	0.1	1.22	0.00	0.03	T	0.94	1.74	0.02	0.00	0.22	0.17	0.00	4.14
DALE HYDROLOGIC UNIT X-09																	
TWENTYNINE PALMS	2.53	1.24	0.25	0.00	0.00	0.83	0.00	0.01	0.15	0.29	1.40	0.00	0.08	0.23	0.89	0.00	3.16
TWENTY NINE PALMS - Y	2.14	0.04	0.33	T	T	0.53	0.10	0.00	T	0.35	0.99	0.00	0.00	T	0.85	0.00	2.72
TWENTY NINE PALMS - O S	1.54	T	0.16	0.5	0.0	0.68	0.70	T	0.10	0.23	0.39	T	0.00	0.00	0.85	T	2.15
BRISTOL HYDROLOGIC UNIT X-10																	
MITCHELL CAVERNS	7.46	1.18	0.10	0.20	0.01	1.09	0.00	0.62	0.34	1.11	2.74	0.07	0.00	0.19	0.78	0.00	7.15
WARD HYDROLOGIC UNIT X-12																	
IRON MOUNTAIN SH 114	2.83	0.03	0.50	0.00	0.04	0.44	0.12	0.01	0.00	0.40	1.66	0.00	0.00	0.48	0.06	0.00	3.29
PLUTE HYDROLOGIC UNIT X-13																	
NEEDLEY CO. YC	6.43	0.40	0.71	0.30	0.10	0.69	0.14	0.27	0.27	1.43	1.96	0.00	0.00	0.13	0.55	0.00	6.44
NEEDLEY FARM AP	6.43	0.30	0.19	0.30	0.16	0.87	0.21	0.10	0.20	1.57	1.81	0.00	0.00	0.12	0.55	0.11	6.40
NEEDLEY PUMPING PLANT	7.03	0.44	0.69	T	0.20	0.75	0.16	0.20	0.20	1.08	1.44	0.00	0.00	0.32	0.07	T	6.29
JHEMUEVIS HYDROLOGIC UNIT X-14																	
PARKER RESERVOIR	5.15	0.1	0.0	0.00	0.00	0.0	0.1	0.0	0.00	0.44	1.75	0.00	0.00	0.16	0.15	0.24	5.38
OLORADO HYDROLOGIC UNIT X-15																	
MYLTHE	3.67	0.1	0.1	0.1	0.33	0.30	0.17	0.11	0.1	0.48	1.41	0.00	0.00	0.1	0.26	0.27	3.73
MYLTHE GAS AIRPORT	M	0.08	0.1	0.1	0.1	0.0	0.10	0.14	0.1	0.48	1.41	0.00	0.00	0.1	0.26	0.27	4.24
MYLTHE AIR PARK	3.21	0.1	0.1	0.1	T	0.4	0.1	0.16	0.1	0.48	1.41	0.00	0.00	0.1	0.26	T	4.09
MYLTHE F. C. STA	3.27	0.1	0.1	0.1	0.1	0.2	0.1	0.17	0.1	0.48	1.41	0.00	0.00	0.1	0.26	0.27	3.78
RIPLBY F. C. STA	3.24	0.1	0.1	0.1	0.1	0.2	0.1	0.17	0.1	0.48	1.41	0.00	0.00	0.1	0.26	0.27	3.81
HEMARELLA HYDROLOGIC UNIT X-17																	
VALLEY MOUNTAIN	1.41				0.31	0.1	0.1	0.0	0.0	0.0	0.85	0.00	0.00	0.10	0.10	0.10	1.89
HAYFIELD HYDROLOGIC UNIT X-18																	
HAYFIELD PUMP PLANT	T					0.1	0.0	M	0.4	0.1	0.73	0.00	M	0.10	0.30	0.1	M

* PARTIALLY ESTIMATED

TOTAL IN

PART IN DATA

TABLE A-4
PRECIPITATION AT SOUTHERN CALIFORNIA STATIONS
SANTA ANA DRAINAGE PROVINCE (Y)

STATION NAME	TOTAL JULY 1 TO JUNE 30	PRECIPITATION IN INCHES												TOTAL OCT. 1 TO SEPT 30				
		1964						1965										
		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APRIL	MAY	JUNE		JULY	AUG	SEPT	
SANTA ANA RIVER																		
HYDROLOGIC UNIT 74 -																		
ALTA LOMA CR 174		M	M	M	M	1.34	1.77	1.45	.27	.7	0.38	1.1	1.33	1.14	1.32	1.00	0.51	8.96
ANACHEIM AUTOMATIC	11.84	M	M	M	M	1.12	1.11	1.35	1.58	1.1	1.74	1.28	1.30	1.30	0.52	0.00	0.30	11.90
ANACHEIM CARRULL RCH	11.33	M	M	M	M	1.27	1.78	1.11	1.19	1.1	1.97	1.54	1.30	1.21	T	0.00	0.13	10.45
ANACHEIM WATER WORK	11.76	M	M	M	M	1.12	1.19	1.22	1.81	1.1	1.27	1.78	1.30	1.21	0.62	0.00	0.35	10.63
ARLINGTON	5.77	M	T	M	M	1.24	1.68	1.74	0.96	1.1	1.45	1.45	1.30	0.31	0.11	0.15	0.14	6.87
ARLINGTON GATE CANAL																		
BEAUMONT 1 E	1.45	M	M	M	M	1.30	1.41	1.41	1.18	1.1	1.27	1.41	T	1.21	0.15	0.36	0.27	8.02
BEAUMONT F C STA	1.44	M	M	M	M	1.23	1.45	1.42	0.64	1.1	1.23	1.39	1.26	1.26	M	M	M	8.02
BIG BEAR LAKE	14.41	M	M	M	M	1.23	1.45	1.42	0.84	1.1	1.23	1.39	1.26	1.26	1.23	1.30	1.33	16.05
BIG BEAR LAKE F U	11.77	M	M	M	M	1.32	1.43	1.35	0.98	1.1	1.43	1.43	1.30	1.14	1.19	1.59	1.33	12.69
BIG BEAR LAKE DAM	11.77	M	M	M	M	1.32	1.43	1.35	0.60	1.1	1.43	1.43	1.30	1.14	1.19	1.59	1.33	12.69
BIOLOGIC CITY																		
BLOOMINGTON	1.49	M	M	M	M	1.18	1.43	1.33	1.42	1.1	1.42	1.41	1.31	1.14	1.19	1.59	1.33	12.69
BLUE C T	5.87	M	M	M	M	1.41	1.78	1.11	1.10	1.1	1.58	1.41	1.31	1.21	0.50	0.20	0.30	5.97
BUSH CANYON	14.34	M	M	M	M	1.28	1.43	1.47	1.43	1.1	1.43	1.43	1.31	1.21	0.50	0.17	0.99	19.67
CAJALCO 1																		
CAJON JUNCTION	11.18	M	M	M	M	1.27	1.40	1.48	0.38	1.1	1.49	1.47	1.30	1.23	0.29	0.63	0.05	12.05
CALIFORNIA	16.17	M	M	M	M	1.26	1.48	1.24	0.45	1.1	1.49	1.47	1.31	1.14	1.26	1.25	1.57	15.27
CASA COLINA	1.32	M	M	M	M	1.18	M	M	0.29	1.1	1.41	1.42	1.21	1.51	M	M	0.40	M
CHERRY VALLEY	14.59	M	M	M	M	1.47	1.47	1.31	0.74	1.1	1.49	1.49	1.42	1.49	1.41	1.63	1.20	18.90
CHINO-IMBACH																		
CHINO SCE CO	1.39	M	M	M	M	1.19	1.47	1.42	M	1.1	1.41	1.41	1.30	0.34	0.24	0.63	1.24	M
CLAREMONT FIRE STA	14.11	M	M	M	M	1.40	1.44	1.44	0.94	1.1	1.41	1.41	1.30	1.21	0.60	1.50	1.51	15.81
CLOMONT DAMS 10L	14.76	M	M	M	M	1.33	1.49	1.31	0.51	1.1	1.47	1.47	1.31	1.22	0.50	0.25	1.53	15.33
COLTON HWY 90	12.78	M	M	M	M	1.36	1.43	1.45	0.55	1.1	1.47	1.47	1.31	1.22	0.50	0.25	1.53	15.31
COLTON F U																		
COLTON SCE CO	10.24	M	M	M	M	1.18	1.18	1.31	1.16	1.1	1.53	1.44	1.31	1.21	0.14	0.00	0.56	10.93
CORONA	11.88	M	M	M	M	1.18	1.11	1.44	0.54	1.1	1.47	1.47	1.31	1.21	0.20	0.17	0.84	11.89
CORONA DEL MAR	1.66	M	M	M	M	1.11	1.41	1.46	1.14	1.1	1.48	1.47	1.31	1.21	0.28	0.02	0.38	10.00
CORONA LEMON CO 1																		
CORONA LEMON CO 2	12.4	M	M	M	M	1.40	1.40	1.48	0.20	1.1	1.42	1.42	1.30	1.11	0.57	T	0.21	12.01
CORONA LEMON CO 3	12.34	M	M	M	M	1.40	1.40	1.47	0.51	1.1	1.42	1.42	1.30	1.11	0.57	T	0.21	12.01
COSTA MESA	10.83	M	M	M	M	1.04	1.29	1.30	1.43	1.1	1.26	1.23	1.30	0.20	0.44	0.00	0.39	10.86
COSTA MESA DODGE	11.61	M	M	M	M	1.02	1.22	1.51	0.69	1.1	1.41	1.41	1.30	1.11	0.50	0.20	0.23	10.47
CRAFTON SCHNEIDER																		
CREST FOREST C OF	2.49	M	M	M	M	1.38	1.38	1.50	1.40	1.1	1.40	1.40	1.30	1.10	1.00	1.00	1.00	10.17
CRESTLINE SB 176	24.35	M	M	M	M	1.34	1.49	1.24	1.45	1.1	1.39	1.41	1.31	1.30	0.29	0.33	1.96	M
CRESTLINE S E	34.96	M	M	M	M	1.35	1.46	1.44	1.84	1.1	1.39	1.41	1.31	1.30	0.10	0.65	1.68	36.99
DAY CANYON	1.39	M	M	M	M	1.30	M	M	1.44	1.1	1.34	1.42	1.31	1.30	0.00	0.00	0.00	M
DECLEZ 1																		
DEL ROSA COARN	15.90	M	M	M	M	1.25	1.51	1.23	1.52	1.1	1.43	1.13	1.16	1.16	0.16	0.00	0.21	16.20
DEL ROSA RANGER	17.25	M	M	M	M	1.11	1.47	1.70	1.11	1.1	1.43	1.17	1.31	1.30	0.00	0.00	0.00	17.70
DEVORE	28.74	M	M	M	M	1.40	1.43	1.42	1.70	1.1	1.46	1.46	1.31	1.31	0.14	0.29	1.53	30.20
DEVORE SW GPR	1.46	M	M	M	M	1.50	M	M	1.44	1.1	1.46	1.46	1.31	1.31	0.22	0.18	1.40	M
E HIGHLAND CRANSE																		
EL CERRILO	10.1	M	M	M	M	1.19	1.56	1.35	0.32	1.1	1.46	1.44	1.31	1.21	0.10	0.00	0.40	10.66
EL TONER LOS ALISO RN	14.73	M	M	M	M	1.28	1.48	1.36	1.12	1.1	1.40	1.43	1.31	1.21	0.28	0.57	0.63	19.78
FONTANA HERALD NEWS	13.66	M	M	M	M	1.25	1.43	1.24	1.45	1.1	1.38	1.35	1.13	1.13	0.19	0.16	0.27	14.10
FONTANA CO VEG																		
FONTANA POWERHOUSE C	17.73	M	M	M	M	1.35	1.44	1.44	1.43	1.1	1.47	1.47	1.31	1.31	0.19	0.19	0.39	18.19
FONTANA E N	12.75	M	M	M	M	1.45	1.46	1.47	0.00	1.1	1.47	1.44	1.31	1.19	0.14	0.01	0.46	14.26
FONTANA KATZER	10.32	M	M	M	M	1.21	1.43	1.51	0.63	1.1	1.45	1.45	1.31	1.20	0.08	0.25	0.20	12.68
FONTANA SEASIDE	11.16	M	M	M	M	1.15	1.40	1.40	0.53	1.1	1.46	1.46	1.31	1.30	0.26	0.01	0.29	10.49
FOREST FALLS																		
FORDEN GROVE CO 10	10.14	M	M	M	M	1.33	1.44	1.10	1.10	1.1	1.44	1.44	1.30	1.20	0.25	0.20	0.26	10.36
FREN ALON FIRE DEPT	10.63	M	M	M	M	1.17	1.43	1.36	0.47	1.1	1.48	1.48	1.30	1.21	0.20	0.00	0.00	10.83
FREN SW	10.78	M	M	M	M	1.44	1.43	1.43	0.53	1.1	1.48	1.48	1.30	1.21	0.20	0.00	0.00	10.83
FREN SW	10.84	M	M	M	M	1.18	1.43	1.43	0.53	1.1	1.48	1.48	1.30	1.21	0.20	0.00	0.00	10.83
GARDEN VALLEY																		
GARDEN VALLEY	11.87	M	M	M	M	1.39	1.46	1.46	1.46	1.1	1.41	1.41	1.30	1.21	0.24	0.23	1.70	11.47
GARDEN VALLEY	11.87	M	M	M	M	1.39	1.46	1.46	1.46	1.1	1.41	1.41	1.30	1.21	0.24	0.23	1.70	11.47
GARDEN VALLEY	11.87	M	M	M	M	1.39	1.46	1.46	1.46	1.1	1.41	1.41	1.30	1.21	0.24	0.23	1.70	11.47
GARDEN VALLEY	11.87	M	M	M	M	1.39	1.46	1.46	1.46	1.1	1.41	1.41	1.30	1.21	0.24	0.23	1.70	11.47
GARDEN VALLEY	11.87	M	M	M	M	1.39	1.46	1.46	1.46	1.1	1.41	1.41	1.30	1.21	0.24	0.23	1.70	11.47
GARDEN VALLEY	11.87	M	M	M	M	1.39	1.46	1.46	1.46	1.1	1.41	1.41	1.30	1.21	0.24	0.23	1.70	11.47
GARDEN VALLEY	11.87	M	M	M	M	1.39	1.46	1.46	1.46	1.1	1.41	1.41	1.30	1.21	0.24	0.23	1.70	11.47
GARDEN VALLEY	11.87	M	M	M	M	1.39	1.46	1.46	1.46	1.1	1.41	1.41	1.30	1.21	0.24	0.23	1.70	11.47
GARDEN VALLEY	11.87	M	M	M	M	1.39	1.46	1.46	1.46	1.1	1.41	1.41	1.30	1.21	0.24	0.23	1.70	11.47
GARDEN VALLEY	11.87	M	M	M	M	1.39	1.46	1.46	1.46	1.1	1.41	1.41	1.30	1.21	0.24	0.23	1.70	11.47
GARDEN VALLEY	11.87	M	M	M	M	1.39	1.46	1.46	1.46	1.1	1.41	1.41	1.30	1.21	0.24	0.23	1.70	11.47
GARDEN VALLEY	11.87	M	M	M	M	1.39	1.46	1.46	1.46	1.1	1.41	1.41	1.30	1.21	0.24	0.23	1.70	11.47
GARDEN VALLEY	11.87	M	M	M	M	1.39	1.46	1.46	1.46	1.1	1.41	1.41	1.30	1.21	0.24	0.23	1.70	11.47
GARDEN VALLEY	11.87	M	M	M	M	1.39	1.46	1.46	1.46	1.1	1.41	1.41	1.30	1.21	0.24	0.23	1.70	11.47
GARDEN VALLEY	11.87	M	M	M	M	1.39	1.46	1.46	1.46	1.1	1.41	1.41	1.30	1.21	0.24	0.23	1.70	11.47
GARDEN VALLEY	11.87	M	M	M	M	1.39	1.46	1.46	1.46	1.1	1.41	1.41	1.30	1.21	0.24	0.23	1.70	11.47
GARDEN VALLEY	11.87	M	M	M	M	1.39	1.46	1.46	1.46	1.1	1.41	1.41	1.30	1.21	0.24	0.23	1.70	11.47
GARDEN VALLEY	11.87	M	M	M	M	1.39	1.46	1.46	1.46	1.1								

TABLE A-4
 PRECIPITATION AT SOUTHERN CALIFORNIA STATIONS
 SANTA ANA DRAINAGE PROVINCE (Y)

STATION NAME	TOTAL JULY 1 TO JUNE 30	PRECIPITATION IN INCHES												TOTAL OCT. 1 TO SEPT 30			
		1964						1965									
		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APRIL	MAY	JUNE		JULY	AUG	SEPT
SANTA ANA RIVER HYDROLOGIC UNIT #01																	
IRVINE CO AMSE	17.03	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
IRVINE CO SALT WORK	11.81	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
KATELLA SUBSTA	9.45	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
LA SIERRA P C	9.19	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
LEMON HGTS SPRINGER	11.99	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
LITTLE CREEK PH 1	27.64	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
LITTLE CREEK P C	23.76	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
MENTONE PG SR 120	10.56	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
MENTONE GREEN CROT	11.67	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
MILL CREEK N 2	16.20	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
MILL CREEK RANGER STA	M	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
MIRA LOMA	M	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
MONTE VISTA	12.7	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
MR BALDY PG 85F	24.16	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
MR BALDY NOTCH	17.39	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
MURDOY RCH	10.8	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
MUSCOY BEACH LEPT	M	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
NARAHET FINEC HARROB	M	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
NARAH	8.77	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
NUVIE	1.299	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
OHAI JLEN SR 120	21.09	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
ONTARIO P C	11.98	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
ONTARIO SEVAGE PLANT	5.91	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
OSAN P C	11.94	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
PADIA HILLS DE	16.97	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
PALMER CANYON	19.95	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
PEBLEY FINE STA	1.32	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
PERKINS FORESTRY	9.78	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
PINE 2	11.87	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
PODMON FIRE STATION	19.70	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
POMONA-CRUYEVENS	10.93	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
PRALO DAM EXP STA	14.52	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
RECH CANYON	11.48	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
REDLANDS 10 1/2	13.52	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
REDLANDS PATH	9.55	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
REDLANDS SR 144	13.65	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
REDLANDS COUNTRY CLUB	9.79	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
REDLANDS	12.34	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
RIVERSIDE FINE STN 4	8.87	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
RIVERSIDE CITRUS EXP	9.81	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
SAN ANTONIO CANYON	23.65	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
SAN ANTONIO CANYON	20.79	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
SAN ANTONIO HTS	M	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
SAN BERNARDINO HOSP	12.65	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
SAN BERNARDINO CO FC	11.72	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
SAN JOUAN IN FRUIT CO	13.74	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
SANTA ANA FIRE STA	11.74	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
SAN TIMOTHY	11.62	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
SANTA ANA	11.41	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
SANTA ANA RIVER PH 1	17.2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
SANTA ANA RIVER PH 1	21.73	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
SANTA ANA RIVER PH 1	14.41	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
SEVEN VALLEY	11.84	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
SILVERDALE CANYON	M	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
TUSTIN A. TAYLOR	14.15	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
UPLAND	14.71	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
UPLAND P C	12.71	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
UPLAND-CADAM	11.20	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
UPLAND CIVICUS	9.40	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
UPLAND CHURCH	13.65	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
UTAH RIVER DAM	12.45	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
WALLA WALKER PLANT	11.19	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
WENTWORTH	7.88	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
WEST RIVERSIDE	12.70	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
WILD HOLE RANCH-LAND	7.75	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
WINTERGARD-CANTON	11.40	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
YUCAIPA CIVICUS	11.85	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
YUCAIPA P C	11.61	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
YUCAIPA CIVICUS	11.44	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

TABLE A-4
PRECIPITATION AT SOUTHERN CALIFORNIA STATIONS
SANTA ANA DRAINAGE PROVINCE (Y)

STATION NAME	TOTAL JULY 1 TO JUNE 30	PRECIPITATION IN INCHES																TOTAL OCT. 1 TO SEPT. 30
		1964						1965										
		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR.	APRIL	MAY	JUNE	JULY	AUG	SEPT		
SAN JACINTO VALLEY HYDROLOGIC UNIT Y-02																		
BEAUMONT	14.49	•	0.27	5.43	1.21	4.74	1.31	•	6.7	•	1.04	6.47	0.02	0.06	0.24	1.05	0.02	15.08
BEAUMONT PUMPING PL	18.72	•	0.29	0.99	1.16	1.97	0.51	1.03	1.4	•	1.02	7.94	0.38	0.38	0.62	1.06	1.05	21.03
ECLINTORE	8.46	•	0.17	•	1.14	1.47	0.87	0.19	•	•	2.63	2.42	0.36	0.01	0.37	0.01	0.18	8.95
HEMET	9.00	•	0.09	•	•	1.63	0.71	0.46	•	•	1.70	4.14	0.11	0.01	0.39	0.49	0.12	10.33
HOMELAND 14 SEP 17	9.82	•	•	0.12	•	1.78	0.96	•	•	•	2.63	4.20	0.09	0.09	0.15	0.00	0.12	9.97
JUNIPER FLATS	14.99	•	•	T	0.10	2.23	1.78	0.95	0.38	•	0.55	3.13	6.6	1.18	0.20	0.34	0.07	0.13
LITTLE LAKE CULY VINE	9.76	•	•	1	0.09	1.3	1.68	0.93	0.37	•	0.38	1.67	4.09	0.06	0.32	0.37	0.18	0.43
PERRIS	9.62	•	•	•	0.16	1.24	1.35	0.20	0.10	•	0.33	2.54	5.06	0.02	0.00	0.50	0.18	0.11
PERRIS RE- EVAP	7.60	•	•	T	•	1.12	1.47	0.74	0.38	•	0.1	1.77	4.00	T	0.20	T	0.51	0.04
QUATE VALLEY	9.80	T	•	•	0.25	0.75	0.66	0.75	•	•	0.4	1.36	4.04	0.02	0.00	0.12	0.00	0.09
RYAN FIELD	9.36	•	•	T	•	0.37	•	0.4	0.17	•	•	1.19	2.04	0.04	0.11	0.58	0.77	0.30
SAN JACINTO	1.64	•	•	•	0.03	0.11	0.72	0.61	0.17	•	•	0.19	1.04	0.04	0.11	0.58	0.77	0.30
SAN JACINTO AT DIV FN	9.00	T	•	•	0.19	•	0.71	0.47	•	•	0.42	0.88	1.65	0.08	0.11	0.60	0.01	10.30
SHINYMAL	9.45	•	•	•	1.8	0.19	1.23	1.04	0.47	•	0.1	1.18	4.55	T	0.02	0.37	0.34	0.26

• PARTIALLY ESTIMATED

1-1-65

MISSING DATA

TABLE A-4
PRECIPITATION AT SOUTHERN CALIFORNIA STATIONS
SAN DIEGO DRAINAGE PROVINCE (Z)

STATION NAME	TOTAL JULY 1 TO JUNE 30	PRECIPITATION IN INCHES														TOTAL OCT 1 TO SEPT 30		
		1964						1965										
		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG		SEPT	
SAN JUAN HYDROLOGIC UNIT Z-01																		
CAPISTRANO BEACH	9.82	0.30	0.10	0.17	0.13	1.27	1.02	0.53	0.42	0.65	1.68	0.00	0.7	0.03	0.00	0.20	9.80	
EL TORO	11.77	0.10	0.0	0.71	0.18	1.49	1.47	0.30	0.56	0.76	6.71	0.00	0.00	0.00	0.00	0.17	11.94	
LAGONA BEACH	10.21	0.10	0.0	0.41	0.14	0.78	1.27	0.58	0.43	1.59	4.19	0.00	0.06	0.03	0.00	0.26	10.09	
LAGONA BEACH 0-99	11.12	0.30	0.00	0.46	0.17	0.5	1.72	0.93	0.40	0.83	4.99	0.00	0.04	0.05	0.00	0.15	9.86	
SAN CLEMENTE POLICE	10.58	0.30	0.00	0.17	0.17	0.74	0.65	0.57	0.38	1.52	4.43	0.00	0.00	0.00	0.00	0.29	10.60	
SAN JUAN CAPISTRANO	11.26	0.30	0.00	0.17	0.15	1.11	1.38	0.80	0.40	0.84	6.54	0.00	0.04	0.07	0.00	0.29	11.45	
SAN JUAN CAPISTRANO S	11.86	0.30	0.00	0.21	0.16	1.2	1.58	0.84	0.39	0.87	6.72	0.00	0.03	0.00	0.00	0.23	11.88	
SANTIAGO DEBY	26.78	0.30	0.21	0.8	0.36	2.49	2.88	1.56	1.43	2.33	11.05	0.04	0.14	0.58	0.18	0.85	26.38	
TRABUCO CANYON	11.56	0.10	0.00	0.26	0.11	1.47	1.17	0.35	0.57	1.81	6.19	0.00	0.14	0.27	0.00	0.00	13.67	
SANTA MARGARITA HYDROLOGIC UNIT Z-02																		
ANZA	11.48	0.36	0.28	0.19	0.16	2.16	2.18	0.47	0.67	1.49	3.81	0.02	0.00	1.30	0.05	0.37	12.68	
LAKE O NEILL	9.85	0.30	0.00	0.11	0.19	1.26	1.46	0.51	0.44	1.21	4.55	0.00	0.02	0.09	0.00	0.35	10.28	
OCEANSIDE PENDLETON	9.45	0.20	0.00	0.18	0.13	1.76	2.78	0.57	1.13	1.51	3.77	0.00	0.07	0.13	0.01	0.16	9.79	
PALOMAR MIN OBSERV	26.37	0.33	0.00	0.04	0.16	2.49	2.88	1.56	1.69	1.67	11.27	0.00	0.00	1.29	0.00	0.75	28.04	
SAGE F C STA	11.63	0.03	0.00	0.20	0.15	1.29	1.07	0.35	0.73	1.22	5.43	0.12	0.24	1.60	0.30	0.72	14.02	
TEMECULA F S	13.01	0.30	0.00	0.38	0.22	2.28	1.25	0.47	0.47	1.06	6.83	0.14	0.06	0.28	0.00	0.48	13.69	
VAIL LAKE	3.61	0.30	0.00	0.10	0.07	1.23	1.23	0.47	0.47	1.30	4.70	0.00	0.06	0.00	0.00	0.70	4.70	
SAN LUIS REY HYDROLOGIC UNIT Z-03																		
HENSHAW DAM	20.95	0.00	0.0	0.26	0.77	2.32	2.78	0.93	1.86	1.93	9.01	0.10	0.01	0.24	0.00	0.66	22.29	
OCEANSIDE NO 4	13.27	0.00	0.00	0.11	0.36	1.94	1.53	0.88	1.34	2.23	4.62	0.08	0.11	0.21	0.00	0.49	13.86	
RANCHITA	13.80	0.10	0.00	0.09	0.17	2.83	1.88	0.79	0.65	2.33	4.18	0.00	0.00	0.00	0.25	0.42	14.67	
VALLEY CENTER 3 ME	13.82	0.10	0.00	0.36	0.18	1.88	1.48	0.44	0.75	1.13	7.02	0.12	0.00	0.00	0.00	1.08	14.97	
WARNER SPRINGS	14.14	0.00	0.20	0.12	0.57	1.78	1.78	0.52	0.88	2.25	4.07	0.39	0.00	0.94	0.71	1.04	16.41	
CARLSBAD HYDROLOGIC UNIT Z-04																		
ESCONDIDO	12.18	0.10	0.00	0.29	0.31	1.45	1.24	0.41	1.31	1.34	4.68	0.09	0.17	0.57	0.00	0.35	12.81	
LAKE WOLFORD	15.29	0.00	0.00	0.28	0.51	2.31	2.24	0.43	0.75	1.19	4.19	0.00	0.00	0.00	0.00	0.00	16.82	
SCOTT RANCH	10.63	0.10	0.0	0.12	0.27	1.28	0.84	0.35	1.32	1.66	4.62	0.03	0.14	0.17	0.00	0.31	10.99	
SAN DIEGUITO HYDROLOGIC UNIT Z-05																		
HODGES DAM	11.59	0.30	0.00	0.19	0.23	1.74	1.96	0.54	1.44	1.29	4.31	0.00	0.04	0.18	0.00	0.25	11.83	
LOCKWOOD MESA	8.87	0.30	0.00	0.28	0.14	1.29	0.73	0.42	1.21	1.00	4.71	0.08	0.01	0.18	0.00	0.00	8.73	
RAMONA SPAULDING	13.82	0.00	0.00	0.04	0.30	2.15	1.22	0.94	1.19	1.01	4.62	0.15	0.05	0.08	0.00	0.71	15.13	
SAN DIEGUITO DAM	14.91	0.00	0.00	0.22	0.21	1.47	1.73	0.54	1.68	0.68	4.26	0.20	0.17	1.18	0.00	0.28	13.15	
SUTHERLAND DAM	21.15	0.00	0.00	0.07	0.29	3.06	0.5	1.05	1.21	0.79	4.79	0.17	0.00	0.10	0.10	1.07	22.80	
PENASQUITO HYDROLOGIC UNIT Z-16																		
MIRAYAR	9.88	0.10	0.00	0.10	0.17	1.84	0.48	0.46	1.18	1.77	4.63	0.07	0.01	0.16	0.00	0.00	9.94	
POWAY VALLEY	9.25	0.10	0.00	0.35	0.17	1.46	0.41	0.35	1.24	1.47	6.83	0.01	0.07	0.11	0.00	0.23	9.68	
SAN DIEGO HYDROLOGIC UNIT Z-07																		
ALPINE	15.78	0.00	0.00	0.00	0.05	0.50	1.54	0.87	1.1	1.44	4.7	0.04	0.00	0.00	0.00	0.00	16.44	
SUYAMACA	25.71	0.00	0.00	0.00	0.00	0.77	0.73	1.04	1.07	1.4	7.4	0.01	0.00	0.10	0.00	0.00	27.86	
FL CARLETON DAM	14.90	0.00	0.00	0.00	0.22	0.89	1.67	0.88	1.00	1.1	4.7	0.00	0.00	0.13	0.00	0.00	14.86	
VALLEY VIEW FILL	1.80	0.00	0.00	0.00	0.17	0.89	0.77	0.84	1.01	1.01	4.4	0.00	0.00	0.00	0.00	0.33	1.81	
JULIAN WYNN	11.77	0.00	0.00	0.00	0.00	0.50	1.04	1.31	1.43	1.73	6.2	0.00	0.00	0.00	0.00	0.00	12.23	
SAN DIEGO CANAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
MIRAYAR CANAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
MIRRAY CANAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
SAN VICENTE WFS	11.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.80	

*-PARTIALLY TIMATED

1-TOTAL

2-MAY 1965

TABLE A-4
 PRECIPITATION AT SOUTHERN CALIFORNIA STATIONS
 SAN DIEGO DRAINAGE PROVINCE (Z)

STATION NAME	TOTAL JULY TO JUNE 30	PRECIPITATION IN INCHES																TOTAL OCT 1 TO SEPT 30
		1964						1965										
		JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT		
CORDADO HYDROLOGIC UNIT Z-08																		
FARRILLO NAT MON	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.66
CHOLLAS RESERVOIR	8.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.33
LA MESA	10.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.63
NATIONAL CITY	7.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.33
PAN DIEGO WB AP	8.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.81
PO SAN DIEGO	9.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.49
SWEETWATER HYDROLOGIC UNIT Z-09																		
BONITA	9.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.91
CHULA VISTA 2	7.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.11
DECKANCO R S	22.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.61
EMKF LOVELAND	14.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.36
SWEETWATER DAM	9.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.75
STAY HYDROLOGIC UNIT Z-10																		
CHULA VISTA	8.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.65
TIA JUANA HYDROLOGIC UNIT Z-11																		
BARRETT DAM	14.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.20
CAMPO	14.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.04
MORENA DAM	15.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.32

---PARTIALLY ESTIMATED

---TRUCK

---ESTIMATED

APPENDIX B
SURFACE WATER FLOW

Introduction

Runoff in Southern California streams is generally responsive to the amount and intensity of precipitation. The estimated natural runoff for selected stations representative of conditions in Southern California is presented in Table B-1, together with a comparison with the mean for the 50-year period, 1910-11 through 1959-60. Estimated or measured maximum and minimum flows for each station during the period of record are also given.

Historical estimated seasonal natural runoff at three selected stations and the accumulated deviation from the mean are charted on: Figure B-1 for Arroyo Seco near Pasadena; Figure B-2 for Santa Ysabel Creek at Sutherland Dam; and Figure B-3 for Big Rock Creek near Valyermo.

The extent of stream flow measurement activities during the 1965 water year by the Department of Water Resources in Southern California was limited to the operation and maintenance of stream-gaging stations in the vicinity of the State Water Project located on Castaic Creek, Elizabeth Lake Canyon Creek, and the West Fork of the Mojave River and its tributaries. The daily mean discharges at these stream-gaging stations are presented in Table B-2.

A historical record of net diversions of Colorado River water to California from the 1934-35 water year through the 1964-65 water year is shown graphically on Figure B-4. Figure B-5 presents historical importation of water to coastal Southern California.

The amount of water in storage on the first day of each month of the 1964 water year in selected reservoirs in or supplying water to Southern California is presented in Table B-3.

The reporting period for surface water flow data is the water year.

Measurement Techniques

Definitions

The definitions of terms used in this appendix are as follows:

Mean is the value obtained by dividing the sum of a series of values by the number of values in the series.

Water year is a consecutive 12-month period of time ending with September 30.

Season (seasonal) refers to the accumulation of data for some specific phenomenon over a period of 12 consecutive months.

Natural runoff is that water which actually flows past a specified point on a stream from a drainage area that has had no effects from stream diversion, storage, import, export, return flow, or change in consumptive use caused by man-controlled modifications to land use, or it is that calculated value of the water which would have flowed past a specified point on a stream if its upstream drainage area had not experienced any of those effects.

Consumptive use is the transpiration, evaporation, and use of water in promoting vegetative growth plus the evaporation of water from adjacent soil, water surfaces, and foliage. It also refers to water similarly consumed or evaporated by urban and nonvegetative types of land use.

Cubic foot per second is the unit rate of discharge of water. It is a cubic foot of water passing a given point in one second.

Acre-foot is the quantity of water required to cover one acre to a depth of one foot. It is equivalent to 43,560 cubic feet or 325,850 gallons.

Methods and Procedures

The streamflow data reported in the daily discharge tables are derived through the use of mechanical, arithmetical, and empirical methods. For each stream-gaging station, a stage-discharge relationship, or rating curve, has been developed. The curve gives the flow in cubic feet per second for each gage height at the station. The gage height is usually measured by an automatic water stage recorder.

Accuracy

The data presented are affected by inaccuracies in the procedures and equipment. The following is a listing of significant figures used to establish limits of precision for reporting the streamflow data:

1. Daily flows -- cubic feet per second
 - 0.0 - 9.9 -- tenths
 - 10 - 99 -- two significant figures
 - 100 - up -- three significant figures
2. Means -- cubic feet per second
 - 0.0 - 99.9 -- tenths
 - 100 - 999 -- three significant figures
 - 1,000 - above -- four significant figures

The water year totals are reported to a maximum of four significant figures.

Coding

Stream-gaging stations are identified by name and number. Station numbers used in this report are composed of seven characters. The first character is a letter designating the drainage province in which the station is located. The second and third characters are numbers designating the hydrologic unit. Plates 1 through 6 show the breakdown of drainage provinces and hydrologic units. The fourth character is a number designating the particular stream or reach of stream in that hydrologic unit, and the last three characters are numbers assigned to the particular stations. In previous reports, station numbers were based on hydrographic areas instead of hydrologic areas. A cross-reference of station numbers of the new system to the old system are shown below:

<u>New Designation</u>	<u>Old Designation</u>
U032330	32330
U032360	32360
W282200	V92200
W282250	V92250
W282300	V92300

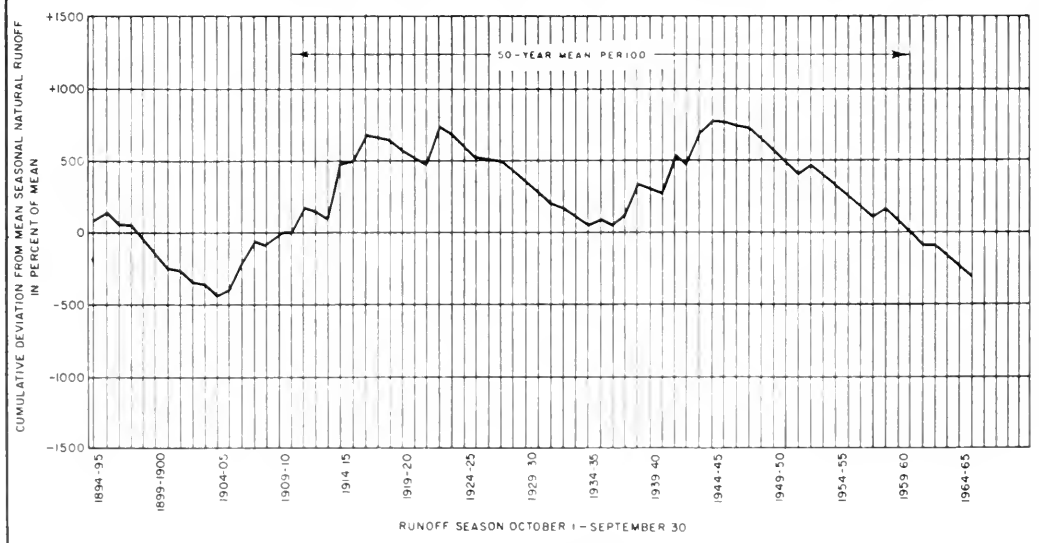
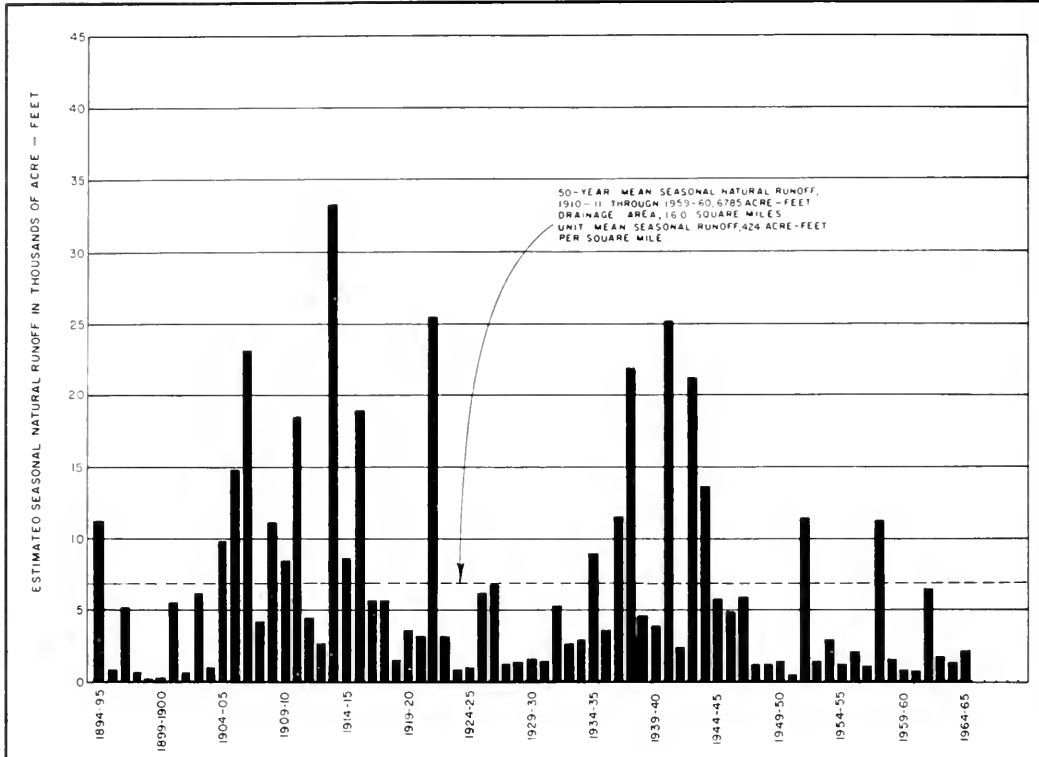
DATA
SURFACE WATER FLOW

TABLE B-1
ESTIMATED 1964-65 SEASONAL NATURAL RUNOFF AT
SELECTED STATIONS IN SOUTHERN CALIFORNIA

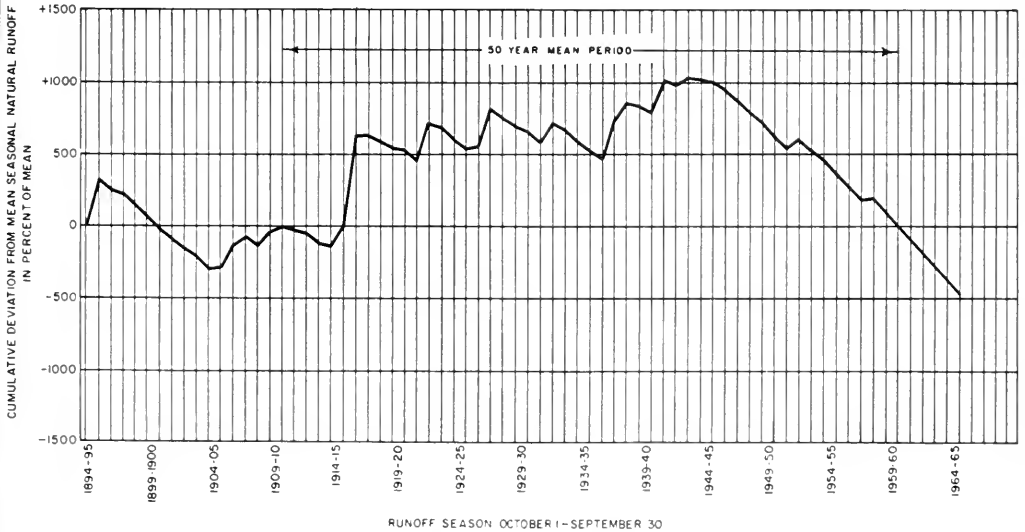
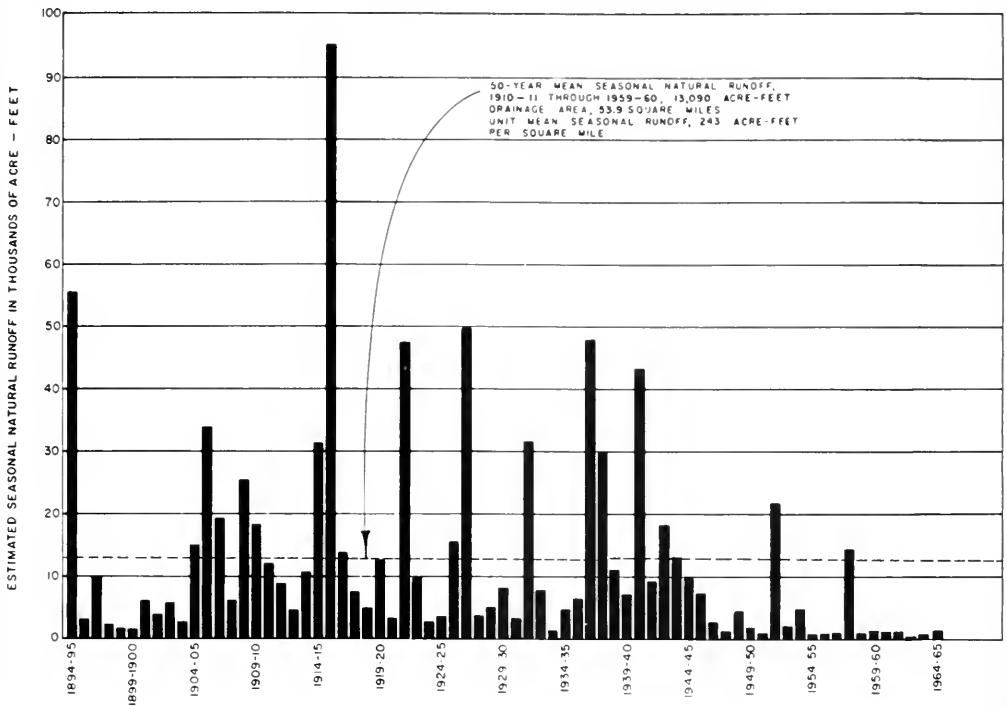
In acre-feet

Station	Period of record	1964-65	50-year mean ^a	Percent of mean	Maximum ^b		Minimum ^b	
					Season	Quantity	Season	Quantity
Central Coastal Drainage Province								
Arroyo Grande at Arroyo Grande	1939 to date	5,640	15,910 ^c	36	190-07	76,200	1930-31	800
Los Angeles Drainage Province								
Seepe Creek near Fillmore	1911-13							
	1928 to date	26,382	82,420	32	1940-41	376,000	1950-51	3,520
Arroyo Seco near Pasadena	1910 to date	2,240	6,785	33	1913-14	33,000	1898-99	160
Santa Anita Creek near Sierra Madre	1916 to date	1,940	4,275 ^d	45	1942-43	16,600	1898-99	210
San Gabriel River near Azusa	1894 to date	36,810	110,210	33	1921-22	410,000	1960-61	1,250
Lahontan Drainage Province								
Owens River below Long Valley	1916 to date	146,780	150,410	98	1906-07	292,000	1930-31	73,010
Big Rock Creek near Valyermo	1923-37							
	1938 to date	3,910	13,065	30	1921-22	39,000	1950-51	1,380
Deep Creek near Hesperia	1904-22							
	1929 to date	15,120	38,630 ^e	39	1921-22	177,000 ^f	1960-61	4,240 ^f
Colorado River Basin Drainage Province								
Colorado River at Lee's Ferry	1911 to date	14,384,700	13,023,300 ^g	110	1916-17	21,860,000 ^g	1933-34	4,377,000 ^g
Colorado River below Hoover Dam	1933 to date	7,917,000	11,730,000 ^g	67	1941-42	17,880,000 ^g	1933-34	5,058,000 ^g
Colorado River at Yuma	1878 to date	731,700	9,649,000 ^g	8	1908-09	26,070,000 ^g	1960-61	707,270 ^g
Palm Canyon Creek near Palm Springs	1930-41							
	1947 to date	189	3,295 ^h	6	1936-37	18,980 ^f	1955-56	0.2 ^f
Santa Ana Drainage Province								
Cucamonga Creek near Upland	1928 to date	1,940	5,540 ^f	35	1921-22	20,900	1898-99	930
Santa Ana River near Mentone	1896 to date	20,570	61,050	34	1915-16	293,000	1898-99	16,500
San Diego Drainage Province								
Marrieta Creek at Temecula	1925 to date	411	7,150 ^f	6	1915-16	60,300	1960-61	320
Santa Ysabel Creek at Sutherland Inn	1913 to date	1,170	13,090	9	1915-16	95,200	1960-61	130
Cottonwood Creek at Morena Inn	1936 to date	183	6,380 ^e	3	1915-16	75,300	1960-61	70

- a. Mean for period 1910-11 through 1959-60, except as noted.
b. Indicated maxima and minima are recorded or estimated values for period 1894-95 to date, except as noted.
c. Average for period 1940-41 through 1959-60.
d. Average for period 1920-21 through 1959-60.
e. Average for period 1930-31 through 1959-60.
f. Indicated maxima and minima are recorded or estimated values for the period of record.
g. Measured runoff, unadjusted for upstream development.
h. Average for period 1930-31 through 1940-41 and 1947-48 through 1959-60.

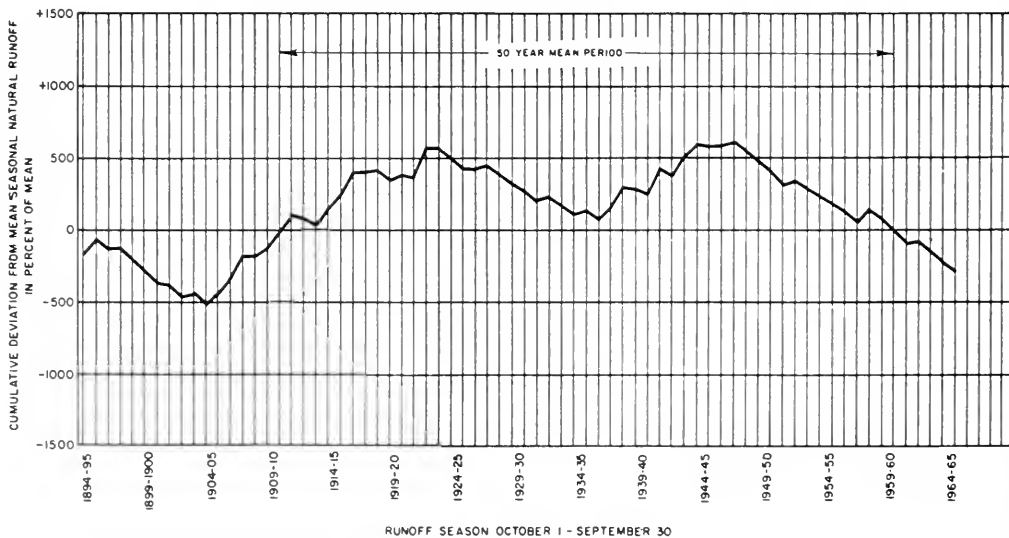
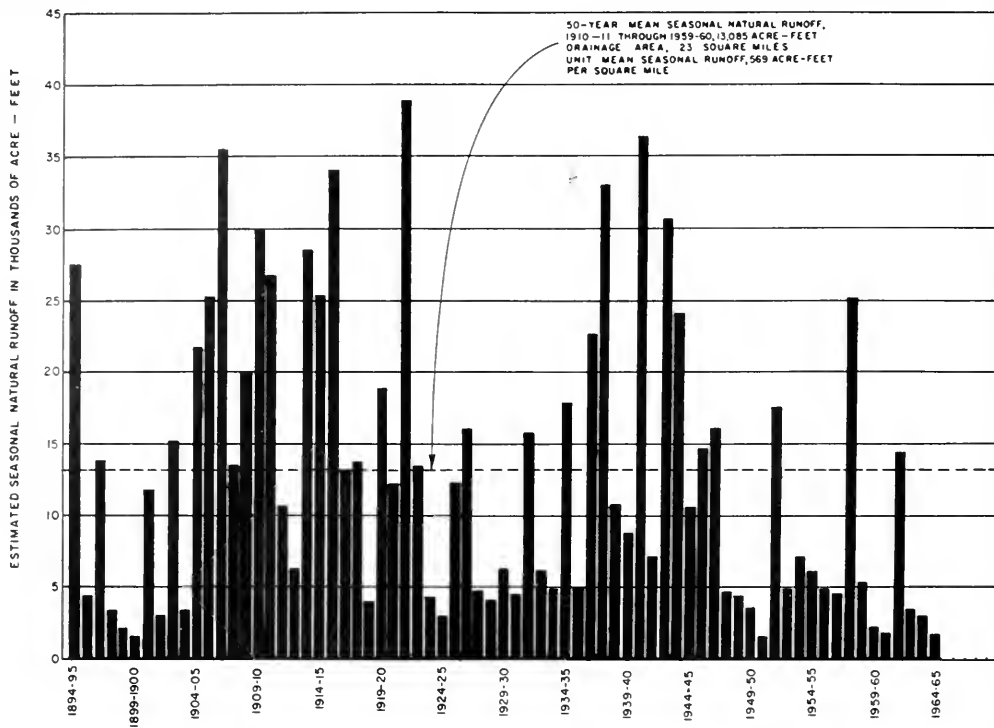


REPRESENTATIVE RUNOFF CHARACTERISTICS
ARROYO SECO NEAR PASADENA



RUNOFF SEASON: OCTOBER 1-SEPTEMBER 30

REPRESENTATIVE RUNOFF CHARACTERISTICS
SANTA YSABEL CREEK AT SUTHERLAND DAM



REPRESENTATIVE RUNOFF CHARACTERISTICS
BIG ROCK CREEK NEAR VALYERMO

TABLE B-2
DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO	STATION NAME
1964	47402	WEST FORK OF THE MOJAVE RIVER BELOW CEDAR SPRINGS

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	DAY
1	0.0	0.0	0.0	0.0	0.0	0.0	118	377	0.0	0.0	0.0	0.0	1
2	0.0	0.0	0.0	0.0	0.0	0.0	177	36	0.0	0.0	0.0	0.0	2
3	0.0	0.0	0.0	0.0	0.0	0.0	157	22	0.0	0.0	0.0	0.0	3
4	0.0	0.0	0.0	0.0	0.0	0.0	70	20	0.0	0.0	0.0	0.0	4
5	0.0	0.0	0.0	0.0	0.0	0.0	60	16	0.0	0.0	0.0	0.0	5
6	0.0	0.0	0.0	0.0	0.0	0.0	42	18	0.0	0.0	0.0	0.0	6
7	0.0	0.0	0.0	12	0.0	0.0	46	23	0.0	0.0	0.0	0.0	7
8	0.0	0.0	0.0	13	0.0	0.0	170	33	0.0	0.0	0.0	0.0	8
9	0.0	0.0	0.0	0.0	0.0	0.0	248	30	0.0	0.0	0.0	0.0	9
10	0.0	0.0	0.0	0.0	0.0	0.0	227	47	0.0	0.0	0.0	0.0	10
11	0.0	0.0	0.0	0.0	0.0	0.0	91	69	0.0	0.0	0.0	0.0	11
12	0.0	0.0	0.0	0.0	0.0	0.0	70	37	0.0	0.0	0.0	0.0	12
13	0.0	0.0	0.0	0.0	0.0	0.0	62	17	0.0	0.0	0.0	0.0	13
14	0.0	0.0	0.0	0.0	0.0	0.0	71	11	0.0	0.0	0.0	0.0	14
15	0.0	0.0	0.0	0.0	0.0	0.0	77	15	0.0	0.0	0.0	0.0	15
16	0.0	0.0	0.0	0.0	0.0	0.0	85	13	0.0	0.0	0.0	0.0	16
17	0.0	0.0	0.0	0.0	0.0	0.0	86	68	0.0	0.0	0.0	0.0	17
18	0.0	0.0	0.0	0.0	0.0	0.0	84	74	0.0	0.0	0.0	0.0	18
19	0.0	0.0	0.0	0.0	0.0	0.0	78	56	0.0	0.0	0.0	0.0	19
20	0.0	0.0	0.0	0.0	0.0	0.0	70	36	0.0	0.0	0.0	0.0	20
21	0.0	0.0	0.0	0.0	0.0	0.0	64	26	0.0	0.0	0.0	0.0	21
22	0.0	0.0	0.0	0.0	0.0	0.0	58	16	0.0	0.0	0.0	0.0	22
23	0.0	0.0	0.0	0.0	0.0	0.0	55	14	0.0	0.0	0.0	0.0	23
24	0.0	0.0	0.0	0.0	0.0	0.0	47	16	0.0	0.0	0.0	0.0	24
25	0.0	0.0	0.0	0.0	0.0	0.0	60	14	0.0	0.0	0.0	0.0	25
26	0.0	0.0	0.0	46	0.0	0.0	58	0.0	0.0	0.0	0.0	0.0	26
27	0.0	0.0	0.0	46	0.0	0.0	55	0.0	0.0	0.0	0.0	0.0	27
28	0.0	0.0	24	40	0.0	0.0	52	0.0	0.0	0.0	0.0	0.0	28
29	0.0	0.0	0.0	44	0.0	0.0	60	0.0	0.0	0.0	0.0	0.0	29
30	0.0	0.0	0.0	0.0	0.0	0.0	50	0.0	0.0	0.0	0.0	0.0	30
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31
MEAN	0.0	0.0	1.1	1.3	0.0	0.0	89.0	15.2	0.0	0.0	0.0	0.0	MEAN
MAX	0.0	0.0	24.0	12.0	3.2	1.4	258	46.0	0.0	0.0	0.0	0.0	MAX
MIN	0.0	0.0	0.0	0.0	0.0	0.0	42.0	0.0	0.0	0.0	0.0	0.0	MIN
AC FT			45	61	26	0	4294	937	70	67			AC FT

E - ESTIMATED
 NR - NO RECORD
 * - DISCHARGE MEASUREMENT OR
 OBSERVATION OF FLOW MADE THIS DAY
 - - E AND R

MEAN	MAXIMUM					MINIMUM					TOTAL
DISCHARGE	DISCHARGE	GAGE HT	MO	DAY	TIME	DISCHARGE	GAGE HT	MO	DAY	TIME	ACRE FEET
849	772	5.98	4	9	21 P	0.0	0.0	1	1	0000	6470

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC T & R S.B.B & M	OF RECD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF DATUM
			CFS	GAGE HT	DATE			FRDM	TO		
34° 16.0'	117° 18.0'	NB32 3H -W	2750	5.90	2/15/68	Jan 01-Date	Jan 01-Date	1/71	1/62	2.80	U.S.G.S.
								2/62		3.40	U.S.G.S.

Station is located 2 miles NE of Cedar Springs on left bank
of West Fork of Mojave River at State Highway 118 Crossing.

Irrigation area is 34.5 square miles.

TABLE B-2
DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO	STATION NAME
1965	22922	E.F. OF WEST FORK OF THE MOJAVE RIVER ABOVE CEDAR SPRINGS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			1.5	1.7	1.7	1.7	3.2	7.6	2.0	1.3	0.1	0.1	1
2			1.6	1.7	1.5	1.1	4.7	6.0	2.5	1.7	0.0	0.0	2
3			1.6	1.7	1.5	1.1	6.7	6.7	2.3	1.6	0.0	0.0	3
4			1.5	1.7	1.4	1.1	7.4	7.3	2.1	1.6	0.0	0.0	4
5			1.7	1.7	1.4	1.0	2.0	6.8	2.1	1.5	0.0	0.0	5
6			1.3	1.4	2.8	1.1	1.7	4.0	1.1	1.5	0.0	0.2	6
7			1.3	5.7	2.3	1.0	1.4	4.1	1.1	1.5	0.0	0.2	7
8			1.3	3.4	3.1	1.0	3.0	6.6	2.4	1.6	0.0	0.1	8
9			1.3	3.4	3.1	1.0	4.0	4.1	6.0	1.0	0.0	0.1	9
10			1.4	3.4	3.0	1.0	4.7	6.6	1.7	1.3	0.0	0.0	10
11			1.4	1.5	1.0	1.1	5.2	6.4	1.0	1.1	0.0	0.0	11
12			1.4	1.8	1.7	1.4	2.9	3.1	1.7	1.3	0.0	0.0	12
13			1.5	1.7	1.4	2.3	2.0	3.0	1.4	1.1	0.0	0.0	13
14			1.4	2.6	1.6	1.4	2.1	3.4	1.4	1.1	0.0	0.0	14
15			1.4	2.6	1.6	1.4	2.1	3.4	1.4	1.1	0.0	0.0	15
16			1.4	1.6	1.4	1.1	2.0	3.0	1.4	1.1	0.0	0.1	16
17			1.4	1.6	1.4	1.1	3.7	3.7	2.3	1.1	0.0	0.1	17
18			1.4	1.8	1.4	1.1	3.6	3.1	1.4	1.1	0.0	0.2	18
19			1.7	1.6	1.4	1.1	3.5	2.4	1.4	1.1	0.0	0.3	19
20			1.7	1.9	1.4	1.1	3.9	2.4	1.1	1.1	0.0	0.7	20
21			1.4	2.4	1.4	1.4	2.0	3.1	1.1	1.1	0.0	0.1	21
22			1.8	2.1	1.4	1.4	3.4	3.1	1.1	1.1	0.0	0.0	22
23			1.8	1.8	1.4	1.4	2.1	3.1	1.1	1.1	0.0	0.0	23
24			1.8	1.7	1.4	1.4	1.9	1.3	1.1	0.1	0.0	0.0	24
25			1.8	1.4	1.4	1.4	1.8	2.7	1.3	1.1	0.0	0.0	25
26			1.9	1.7	1.4	1.4	1.7	2.4	1.4	1.1	0.0	0.0	26
27			1.4	2.1	1.4	1.4	1.5	1.1	1.1	1.1	0.0	0.0	27
28			1.4	1.1	1.4	1.4	1.3	2.4	1.1	1.1	0.0	0.0	28
29			4.7	1.4	1.4	1.4	1.3	2.4	1.1	1.1	0.0	0.1	29
30			2.4	1.4	1.4	1.4	1.1	1.1	1.1	1.1	0.0	0.1	30
31			2.4	1.4	1.4	1.4	1.1	1.1	1.1	1.1	0.0	0.0	31
MEAN	0.4	0.3	1.3	1.2	1.7	1.4	2.0	2.7	1.4	1.1	0.1	0.1	MEAN
MAX	0.2	0.0	10.1	5.2	2.8	12.0	31.3	24.0	14.5	1.1	1.1	0.0	MAX
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MIN
AC FT		1.4	1.8	1.4	0.7	0.7	1.7	1.6	0.4	1.1		1.1	AC FT

E = ESTIMATED
NR = NO RECORD
* = DISCHARGE MEASUREMENT OR OBSERVATION OF FLOW MADE THIS DAY
- = E AND R

MEAN DISCHARGE	DISCHARGE	MAXIMUM GAGE HT	MO	DAY	TIME	MINIMUM DISCHARGE	GAGE HT	MO	DAY	TIME	TOTAL ACRE FEET
1.4	4.8	11.85	1	31	14:00	0.0	0.0				23.9

LOCATION		MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	14 SEC T & R S.B.B.M	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		REF DATUM
			CFS	GAGE HT	DATE			FROM	TO	
34° 21.3'	117° 17.8'	7410.00	12.0	11.85	1/31/70	Max. 11.85	Max. 11.85	11.11	11.11	11.11

Station is located 0.1 mile east of Cedar Springs on the right bank of the West Fork of the West Fork of the Mojave River.
Drainage area is 11.5 square miles.

TABLE B-2
DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1965	4747	WEST FORK OF THE MOJAVE RIVER ABOVE CEDAR SPRINGS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0	0.0	0.0	0.1	0.3	0.2	1.5	4.7	11.1	1.3	0.1	0.0	1
2	0.0	0.0	0.0	0.1	0.3	0.0	1.4	2.8	1.1	0.1	0.1	0.0	2
3	0.0	0.0	0.0	0.1	0.2	0.2	1.4	1.4	1.1	0.1	0.1	0.0	3
4	0.0	0.0	0.0	0.3	0.3	0.3	1.3	1.4	0.9	0.3	0.1	0.0	4
5	0.0	0.0	0.0	0.4	0.4	0.2	1.1	0.3	0.9	0.3	0.1	0.0	5
6	0.0	0.0	0.0	0.3	0.1	0.2	1.1	2.1	0.8	0.3	0.1	0.0	6
7	0.0	0.0	0.0	0.9	0.1	0.2	1.1	1.1	0.8	0.2	0.0	0.0	7
8	0.0	0.0	0.0	0.7	0.3	0.2	1.0	1.2	0.8	0.2	0.0	0.0	8
9	0.0	0.0	0.0	0.6	0.3	0.2	1.6	1.1	0.8	0.2	0.0	0.0	9
10	0.0	0.0	0.0	0.6	0.3	0.2	1.1	1.1	0.8	0.2	0.0	0.0	10
11	0.0	0.1	0.0	0.4	0.3	0.1	1.1	1.1	0.8	0.1	0.0	0.0	11
12	0.0	0.1	0.0	0.4	0.3	0.3	0.9	1.1	0.8	0.1	0.0	0.0	12
13	0.0	0.2	0.0	0.4	0.3	0.4	0.9	1.1	0.8	0.1	0.0	0.0	13
14	0.0	0.1	0.0	0.4	0.3	0.3	1.0	1.0	0.7	0.1	0.0	0.0	14
15	0.0	0.1	0.0	0.3	0.3	0.3	1.2	1.1	0.7	0.1	0.0	0.0	15
16	0.0	0.1	0.0	0.3	0.4	0.3	1.2	1.2	0.7	0.1	0.0	0.0	16
17	0.0	0.2	0.0	0.3	0.3	0.3	1.0	1.0	0.6	0.1	0.0	0.0	17
18	0.0	0.0	0.0	0.1	0.3	0.3	1.3	1.0	0.6	0.1	0.0	0.0	18
19	0.0	0.0	0.0	0.3	0.3	0.3	0.9	0.8	0.5	0.1	0.0	0.0	19
20	0.0	0.0*	0.0	0.2	0.3	0.3	0.9	0.8	0.5	0.1	0.0	0.0	20
21	0.0	0.0	0.0	0.2	0.3	0.3	0.6	0.7	0.6	0.1	0.0	0.0	21
22	0.0	0.1	0.0	0.2	0.3	0.3	0.1	0.7	0.4	0.1	0.0	0.0	22
23	0.0	0.0*	0.0	0.2	0.1	0.2	0.7	0.7	0.4	0.1	0.0	0.0	23
24	0.0	0.1*	0.0	0.3	0.2	0.2	0.4	0.7	0.4	0.1	0.0	0.0	24
25	0.0	0.1*	0.0	0.3	0.2	0.2	0.4	0.7	0.4	0.1	0.0	0.0	25
26	0.0	0.1	0.1	0.2	0.2	0.2	0.5	0.7	0.4	0.1	0.0	0.0	26
27	0.0	0.1*	0.1	0.2	0.2	0.2	0.3	0.5	0.4	0.1	0.0	0.0	27
28	0.0	0.1	0.0*	0.2	0.0	0.2	0.1	0.3	0.4	0.1	0.0	0.0	28
29	0.0	0.0	0.0	0.4	0.0	0.2	0.4	0.2	0.4	0.1	0.0	0.0	29
30	0.0	0.0	0.1	0.3	0.0	0.2	0.6	0.1	0.4	0.1	0.0	0.0	30
31	0.0	0.0	0.1	0.3	0.0	0.0	1.1	0.1	0.1	0.1	0.0	0.0	31
MEAN	0.0	0.1	0.0	0.3	0.3	0.3	1.0	1.0	0.7	0.2	0.0	0.0	MEAN
MAX	0.0	0.2	0.0	0.9	0.3	0.4	1.4	1.1	0.8	0.1	0.0	0.0	MAX
MIN	0.0	0.0	0.0	0.1	0.2	0.2	0.9	0.8	0.5	0.1	0.0	0.0	MIN
AC FT		3	3	20	15	15	6.24	0.1	1.0	0.1			AC FT

E - ESTIMATED
NR - NO RECORD
* - DISCHARGE MEASUREMENT OR OBSERVATION OF FLOW MADE THIS DAY
- - E AND B

MEAN DISCHARGE	DISCHARGE	MAXIMUM DISCHARGE	MINIMUM DISCHARGE	TOTAL ACRES FEET
1.1	74.0	4.09	0.0	819

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T & R S & B DM.	OF RECORD		DATE	DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF DATUM
			CFS	GAGE HT.				FROM	TO		
34° 17.1'	117° 22.5'	SW2 2R 5W	337	5.55	7/12/62	Feb 61-Inste	Feb 61-Date	2/61		3.21	U.S.G.S.
<p>Station is located 2.6 miles west of Cedar Springs on the left bank of the West Fork of Mojave River.</p> <p>Drainage area is 3.8 square miles.</p>											

TABLE B-2
DAILY MEAN DISCHARGE
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1965	UD32330	ELIZABETH LAKE CANYON CREEK ABOVE CASTAIC

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0	0.0	0.0	0.0	0.1	0.1	2.1*	1.1	0.1	0.0	0.0	0.0	1
2	0.0	0.0	0.0	0.0	0.1	0.1	7.8*	1.1	0.1	0.0	0.0	0.0	2
3	0.0	0.0	0.0	0.0	0.1	0.1	9.5*	1.1	0.1	0.0	0.0	0.0	3
4	0.0	0.0	0.0	0.0	0.1	0.2	2.0*	1.1	0.1	0.0	0.0	0.0	4
5	0.0	0.0	0.0	0.0	0.0	0.2	1.9	1.1	0.1	0.0	0.0	0.0	5
6	0.0	0.0	0.0	0.0	0.2	0.2	1.2	1.1	0.1	0.0	0.0	0.0	6
7	0.0	0.0	0.0	0.0	0.2	0.2	7.1*	1.0	0.1	0.0	0.0	0.0	7
8	0.0	0.0	0.0	0.0	0.2	0.2	2.0*	1.0	0.1	0.0	0.0	0.0	8
9	0.0	0.0	0.0	0.0	0.2	0.2	7.4*	1.0	0.1	0.0	0.0	0.0	9
10	0.0	0.0	0.0	0.0	0.3	0.2	6.9*	0.9	0.1	0.0	0.0	0.0	10
11	0.0	0.0	0.0	0.0	0.2	0.2	3.3	0.9	0.0	0.0	0.0	0.0	11
12	0.0	0.0	0.0	0.0	0.2	0.2	2.4	0.9	0.1	0.0	0.0	0.0	12
13	0.0	0.0	0.0	0.0	0.2	0.2	1.9	0.9	0.1	0.0	0.0	0.0	13
14	0.0	0.0	0.0	0.0	0.2	0.2	1.6	0.8	0.1	0.0	0.0	0.0	14
15	0.0	0.0	0.0	0.0	0.2	0.2	1.4	0.7	0.1	0.0	0.0	0.0	15
16	0.0	0.0	0.0	0.0	0.2	0.2*	1.2	0.6	0.1	0.0	0.0	0.0	16
17	0.0	0.0	0.0	0.0	0.2	0.2	9.8*	0.6	0.1	0.0	0.0	0.0	17
18	0.0	0.0	0.0	0.0	0.2	0.2	8.4*	0.5	0.0	0.0	0.0	0.0	18
19	0.0	0.0	0.0	0.0	0.1	0.1	7.4*	0.2	0.0	0.0	0.0	0.0	19
20	0.0	0.0	0.0	0.1	0.1	0.1	6.4*	0.2	0.0	0.0	0.0	0.0	20
21	0.0	0.0	0.0	0.1	0.1	0.1	6.0*	0.1	0.0	0.0	0.0	0.0	21
22	0.0	0.0	0.0	0.1	0.1	0.1	5.6*	0.1	0.0	0.0	0.0	0.0	22
23	0.0	0.0	0.0	0.2	0.1	0.1	4.9*	0.1	0.0	0.0	0.0	0.0	23
24	0.0	0.0	0.0	0.1	0.1*	0.1	3.9*	0.1	0.0	0.0	0.0	0.0	24
25	0.0	0.0	0.0	0.1	0.1	0.1	3.4*	0.2	0.1	0.0	0.0	0.0	25
26	0.0	0.0	0.0	0.1	0.1	0.1	2.8*	0.1	0.0	0.0	0.0	0.0	26
27	0.0	0.0	0.0	0.1	0.1	0.1	2.3*	0.1	0.0	0.0	0.0	0.0	27
28	0.0	0.0	0.0	0.1	0.1	0.1	1.7*	0.1	0.0	0.0	0.0	0.0	28
29	0.0	0.0	0.0	0.1	0.1	0.1	1.4*	0.1	0.0	0.0	0.0	0.0	29
30	0.0	0.0	0.0	0.1	0.1	0.1	1.2*	0.1	0.0	0.0	0.0	0.0	30
31	0.0	0.0	0.0	0.1	0.2	0.2		0.1	0.0	0.0	0.0	0.0	31
MEAN	0.0	0.0	0.0	0.0	0.2	0.2	1.4	0.6	0.1	0.0	0.0	0.0	MEAN
MAX	0.0	0.0	0.0	0.2	0.3	0.2	7.4*	1.1	0.1	0.0	0.0	0.0	MAX
MIN	0.0	0.0	0.0	0.0	0.1	0.1	1.2	0.1	0.0	0.0	0.0	0.0	MIN
AC FT				3	9		84.1	35	3				AC FT

E - ESTIMATED
NR - NO RECORD
* - DISCHARGE MEASUREMENT OR OBSERVATION OF FLOW MADE THIS DAY
- - E AND R

MEAN DISCHARGE
1.2

MAXIMUM DISCHARGE			
GAGE HT	NO	DAY	TIME
3.6R	4	9	1930

MINIMUM DISCHARGE			
GAGE HT	NO	DAY	TIME
0.0	10	1	0000

TOTAL ACRE FEET
900

LOCATION				MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC T & R S.B.B. BM.	1410	OF RECORD		2/11/62	DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF DATUM
				CFS	GAGE HT				FROM	TO		
31° 33.7'	118° 34.2'	SV36 GN 164	1410	5.20		2/11/62	Jan 62-Jete	Jan 62-Jete	1/62	1/63	1.32	Local
									2/63		2.15	Local

Station is located 3.9 miles north of intersection of Castaic Canyon Road and Elizabeth Lake Canyon Road on left bank of stream at Canyon Christian Camp.

Drainage area is 45.7 square miles.

TABLE B-2
DAILY MEAN DISCHARGE
 (IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1965	11429a	CASTAIC CREEK ABOVE CORONA RANCH

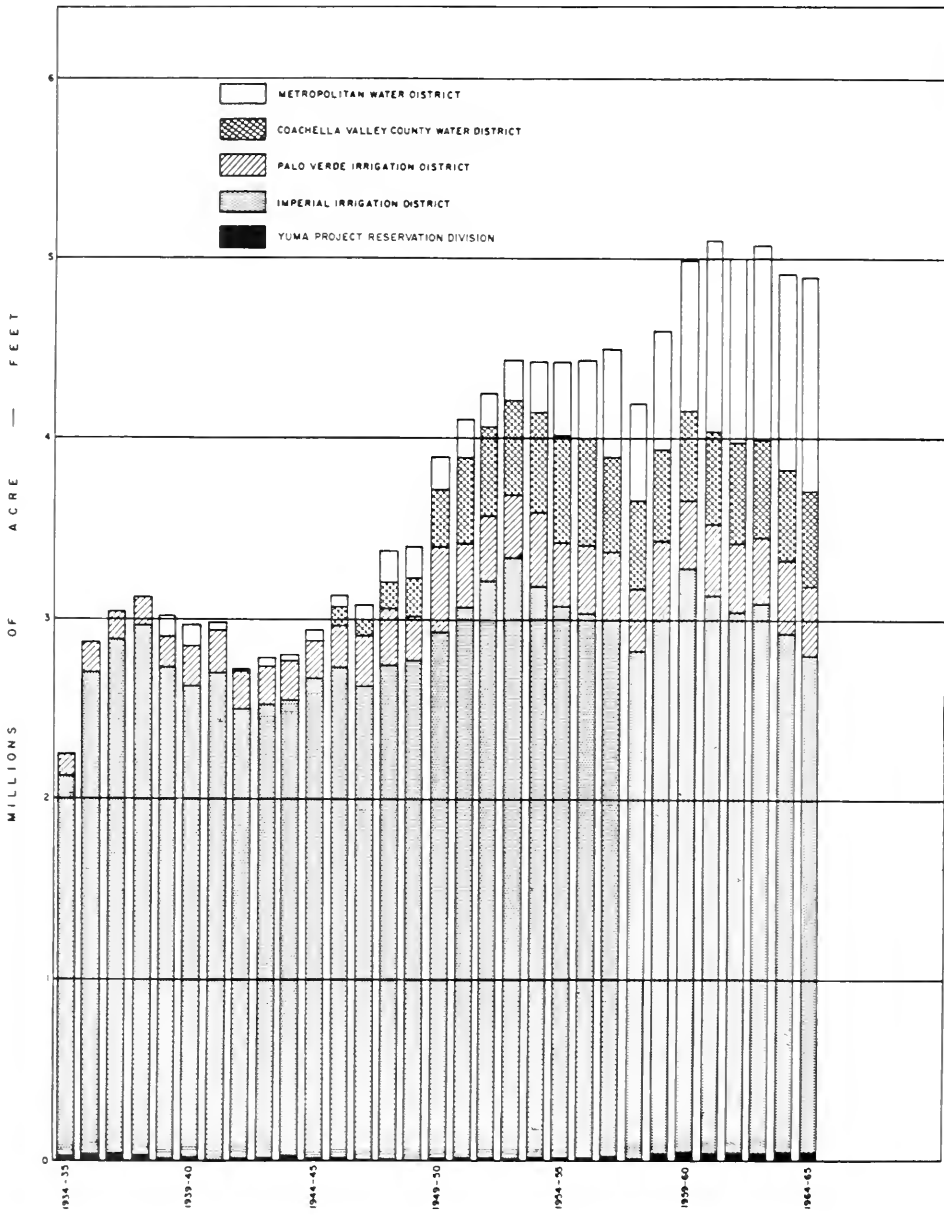
DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0	0.0	0.0	0.0	0.0	0.0	3.7*	1.3	0.0	0.0	0.0	0.0	1
2	0.0	0.0	0.0	0.0	0.0	0.0	5.0*	1.3	0.0	0.0	0.0	0.0	2
3	0.0	0.0	0.0	0.0	0.0	0.0	19.0*	1.3	0.0	0.0	0.0	0.0	3
4	0.0	0.0	0.0	0.0	0.0	0.0	20.0*	1.1	0.0	0.0	0.0	0.0	4
5	0.0	0.0	0.0	0.0	0.0	0.0	3.3	1.1	0.0	0.0	0.0	0.0	5
6	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.0	0.0	0.0	0.0	0.0	6
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	7
8	0.0	0.0	0.0	0.0	0.0	0.0	21.0*	1.1	0.0	NR	0.0	0.0	8
9	0.0	0.0	0.0	0.0	0.0	0.0	52.0*	1.7	0.0	NR	0.0	0.0	9
10	0.0	0.0	0.0	0.0	0.0	0.0	69.0*	0.7	0.0	NR	0.0	0.0	10
11	0.0	0.0	0.0	0.0	0.0	0.0	28.0*	0.6	0.0	NR	0.0	0.0	11
12	0.0	0.0	0.0	0.0	0.0	0.0	29.0*	0.6	0.0	NR	0.0	0.0	12
13	0.0	0.0	0.0	0.0	0.0	0.0	15.0*	0.6	0.0	NR	0.0	0.0	13
14	0.0	0.0	0.0	0.0	0.0	0.0	0.2*	0.6	0.0	NR	0.0	0.0	14
15	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.6	0.0	NR	0.0	0.0	15
16	0.0	0.0	0.0	0.0	0.0	0.0	8.8**	0.3	0.0	NR	0.0	0.0	16
17	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.2	0.0	NR	0.0	0.0	17
18	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.2	0.0	NR	0.0	0.0	18
19	0.0	0.0	0.0	0.0	0.0	0.0	5.4**	0.2	0.0	NR	0.0	0.0	19
20	0.0	0.0	0.0	0.0	0.0	0.0	5.0*	0.1	0.0	NR	0.0	0.0	20
21	0.0	0.0	0.2	0.0	0.0	0.0	4.6	0.0	0.0	NR	0.0	0.0	21
22	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	NR	0.0	0.0	22
23	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.1	0.0	NR	0.0	0.0	23
24	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.1	0.0	NR	0.0	0.0	24
25	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.1	0.0	NR	0.0	0.0	25
26	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	NR	0.0	0.0	26
27	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	NR	0.0	0.0	27
28	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	NR	0.0	0.0	28
29	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	NR	0.0	0.0	29
30	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	NR	0.0	0.0	30
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NR	0.0	0.0	31
MEAN	0.0	0.0	0.1	0.0	0.0	0.0	11.4	0.6	0.0	NR	0.0	0.0	MEAN
MAX	0.0	0.0	2.3	0.0	0.0	0.0	69.0*	1.7	0.0	NR	0.0	0.0	MAX.
MIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NR	0.0	0.0	MIN.
AC FT			6				6.74	3*					AC FT

E - ESTIMATED
 NR - NO RECORD
 * - DISCHARGE MEASUREMENT OR
 OBSERVATION OF FLOW MADE THIS DAY
 ** - GAUGE

MEAN		MAXIMUM					MINIMUM					TOTAL			
DISCHARGE	NR	DISCHARGE	NR	GAGE HT	MD	DAY	TIME	DISCHARGE	NR	GAGE HT	MD	DAY	TIME	ACRE FEET	NR

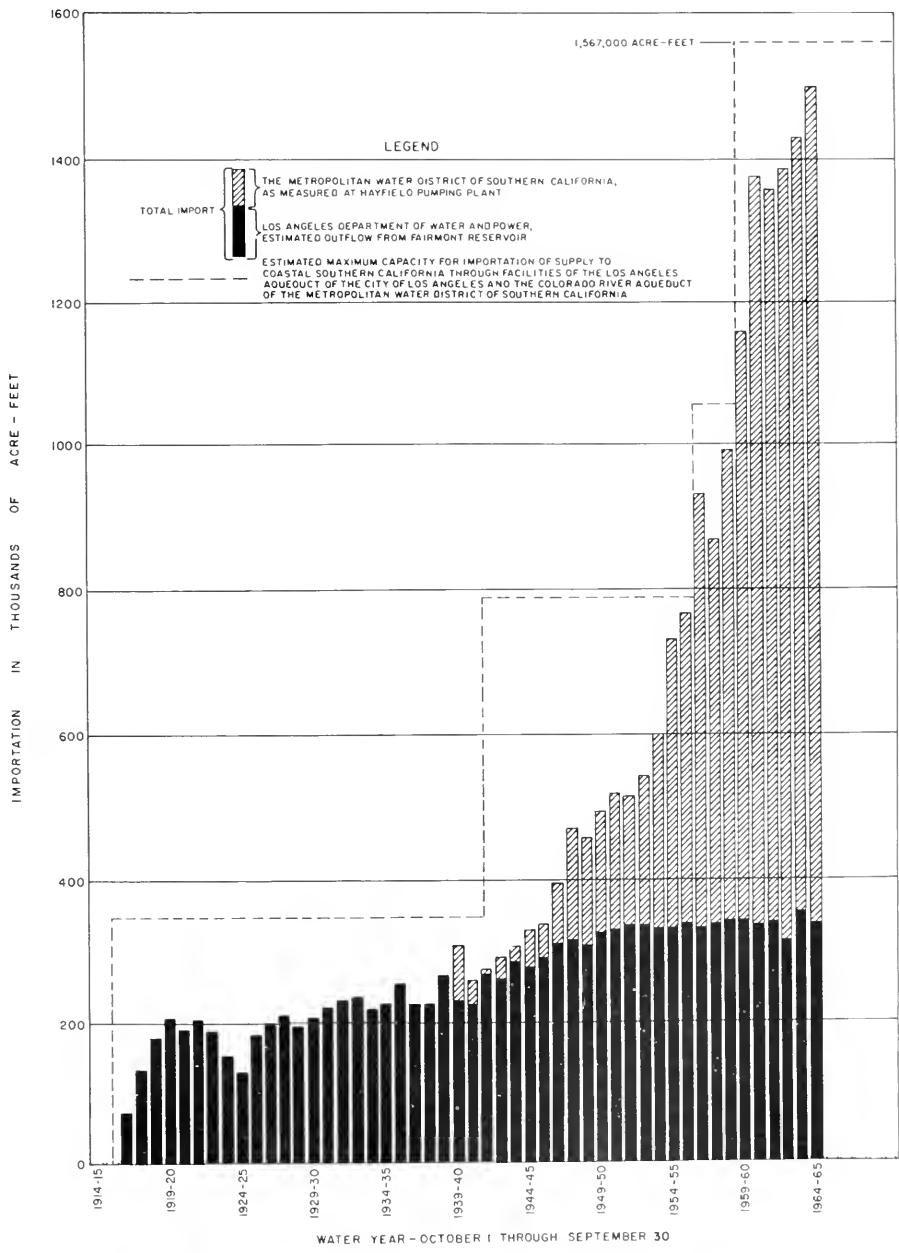
LOCATION			MAXIMUM DISCHARGE				PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	14 SEC T & R S.B.B.M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF DATUM	
			CFS	GAGE HT	DATE			FROM	TO			
34° 36.7'	112° 39.0'	NE22 GN 17W	3790	5.35	2/11/62	Jan 62-Date	Jan 62-Date	1.70	2.72	2.10	Local	
								3.72	4.13	1.53	Local	
								2.73		2.23	Local	

Station is located 6.7 miles west of Elizabeth Lake Canyon Road on Castaic Canyon Road on left bank.
 Drainage area is 61.0 square miles.



WATER YEAR—OCTOBER 1 THROUGH SEPTEMBER 30

NET DIVERSIONS OF WATER TO CALIFORNIA FROM THE COLORADO RIVER



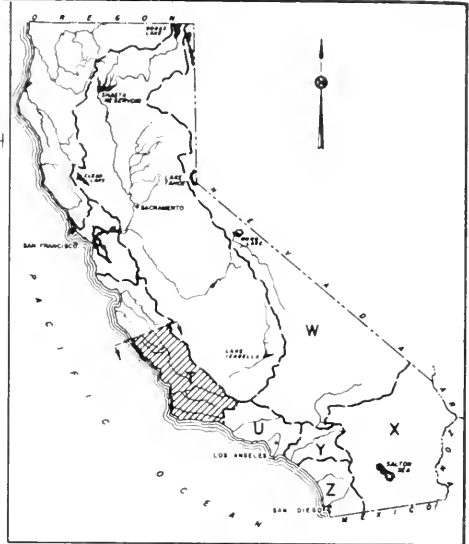
HISTORICAL IMPORTATIONS OF WATER TO COASTAL SOUTHERN CALIFORNIA

TABLE B-3
MONTHLY WATER CONTENT OF SELECTED SURFACE RESERVOIRS
IN OR SUPPLYING WATER TO SOUTHERN CALIFORNIA
OCTOBER 1, 1964 TO SEPTEMBER 30, 1965

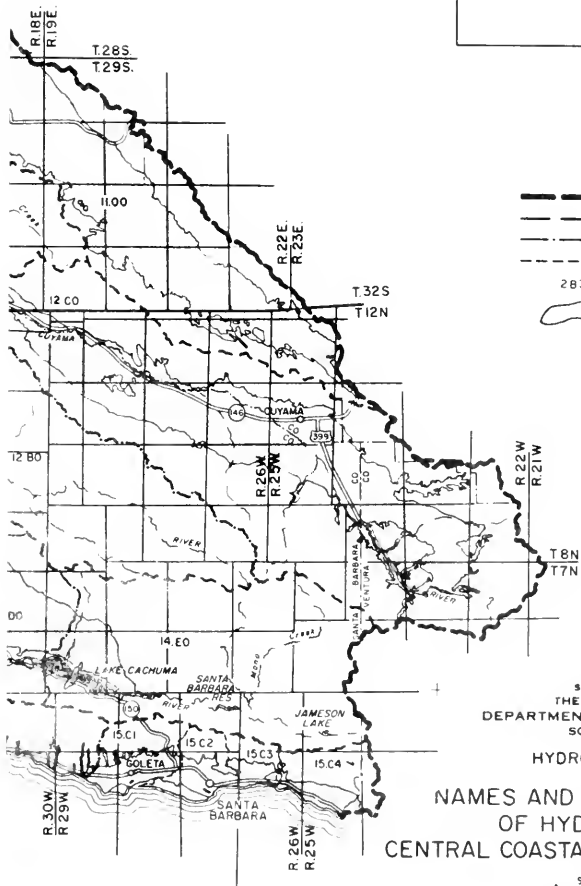
Drainage province and stream	Reservoir	Active capacity, in acre-feet	Water in storage on first day of month, in acre-feet											
			October	November	December	January	February	March	April	May	June	July	August	September
Central Coastal														
San Diego River	Whale Rock	40,000	9,897	3,452	9,197	9,351	10,933	11,206	11,441	12,102	12,146	12,068	11,946	11,776
	Santa Ynez	14,777	6,361	5,957	5,850	6,530	6,850	6,884	6,899	13,805	13,843	13,122	12,144	11,188
	San Juan	204,900	141,518	138,848	139,345	137,986	137,268	136,222	134,568	139,570	137,340	133,955	130,000	128,518
San Gabriel River	Twitshell	250,000	0	0	0	0	0	0	0	0	0	0	0	0
Los Angeles														
San Gabriel River	Casitas	240,000	40,511	39,394	39,008	40,373	40,312	40,182	42,742	47,619	46,769	45,894	44,598	43,012
	Piru Creek	100,000	6,353	6,974	5,823	5,997	6,941	6,196	6,292	6,253	7,283	7,125	7,803	6,501
	San Gabriel	36,510	29,394	29,680	28,765	29,904	33,900	24,744	29,738	34,335	34,860	33,302	30,160	31,157
San Joaquin														
San Joaquin River	Grunt Lake	47,530	31,540	29,571	28,380	29,664	30,972	31,920	32,303	33,558	33,947	43,003	46,001	48,514
	San Joaquin	183,470	124,319	115,366	116,965	124,736	128,096	118,172	124,736	110,650	114,176	133,669	158,317	173,626
	San Joaquin	58,530	16,628	15,833	17,807	17,962	20,728	29,376	29,375	32,173	32,444	39,685	42,162	44,095
Colorado River														
Delta														
Colorado River	Lake Mead	27,207,000	11,623*	11,315*	11,215*	11,136*	11,289*	11,361*	11,151*	11,723*	13,202*	14,802*	14,660*	14,659*
	Lake Mohave	1,810,000	1,341*	1,417*	1,481*	1,568*	1,680*	1,683*	1,663*	1,713*	1,781*	1,721*	1,550*	1,420*
	Lake Havasu	619,000	544*	550*	544*	536*	543*	517*	533*	548*	597*	587*	579*	560*
Santa Ana														
San Joaquin River	Bear Valley	72,170	2,631	2,423	2,512	2,781	3,079	3,258	3,410	7,579	8,404	7,785	7,269	6,784
	San Joaquin	13,400	976	746	777	955	1,064	1,210	1,328	2,337	2,368	2,265	2,100	
	San Joaquin	11,700	1,500	1,736	1,612	1,406	1,340	993	4,350	5,608	5,049	4,446	3,574	2,709
San Joaquin River	California Canyon**	182,400	119,043	90,982	124,144	131,789	153,891	146,337	140,267	167,330	149,742	148,683	158,278	114,954
	Santiago Creek	25,000	5,700	4,825	4,490	4,435	4,520	6,480	8,395	9,000	8,910	12,885	10,175	7,770
San Diego														
San Diego River	Wall	40,500	1,516	1,485	1,502	1,523	1,537	1,560	1,585	2,357	2,305	2,243	2,152	2,000
	San Luis Rey	194,320	5,270	5,174	5,920	6,662	7,091	6,585	7,653	8,818	8,285	7,911	6,517	5,640
	San Diego	29,700	2,847	2,787	2,788	2,794	2,794	2,830	2,850	3,440	3,441	3,587	3,503	3,346
San Diego River	Lake Hodges**	33,550	2,592	2,573	3,005	2,652	2,286	2,440	1,910	1,647	1,523	1,419	1,268	1,189
San Vicente Creek	San Vicente Lake**	90,230	59,030	56,395	56,342	59,209	60,945	62,446	66,278	72,302	72,681	73,463	69,974	66,109
	Boulder Creek	11,600	0	0	0	31	33	90	96	1,139	0	0	0	0
	San Vicente	10,500	4,040	4,100	4,600	4,629	4,640	4,607	4,717	4,750	4,728	4,742	4,440	4,183
San Diego River	El Capitan Lake**	112,300	8,821	8,650	8,624	8,640	9,021	10,741	11,584	14,213	15,304	15,096	14,483	14,591
Sweetwater River	Lake Loveland	25,250	1,372	1,357	1,357	1,364	1,368	1,371	1,372	2,134	2,135	2,113	2,047	2,012
	Sweetwater (Main)**	27,150	2,622	2,502	2,514	2,474	2,428	2,208	2,253	2,479	2,500	2,604	2,667	2,644
Otay River	Lower Otay Lake**	56,520	2,500	2,445	2,445	2,462	2,462	2,462	2,462	2,702	2,704	2,628	2,536	2,445
Cottonwood Creek	Morrison	60,210	252	235	243	247	245	274	357	332	332	310	299	243
	Burrett	44,750	1,050	1,029	1,029	1,043	1,043	1,050	1,050	1,575	1,539	1,504	1,452	1,401

*In 1,000 acre-feet







**Includes imported Colorado River water



KEY MAP



LEGEND

-  DRAINAGE PROVINCE BOUNDARY
-  HYDROLOGIC UNIT BOUNDARY
-  HYDROLOGIC SUBUNIT BOUNDARY
-  HYDROLOGIC SUBAREA BOUNDARY
-  AREAL CODE NUMBER
-  WATER BEARING SEDIMENTS

STATE OF CALIFORNIA
 THE RESOURCES AGENCY
 DEPARTMENT OF WATER RESOURCES
 SOUTHERN DISTRICT

HYDROLOGIC DATA, 1965

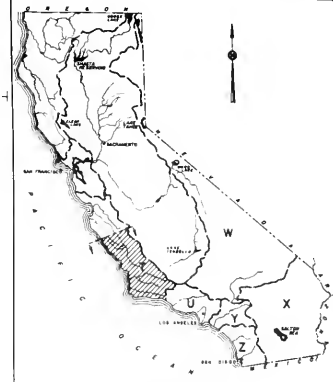
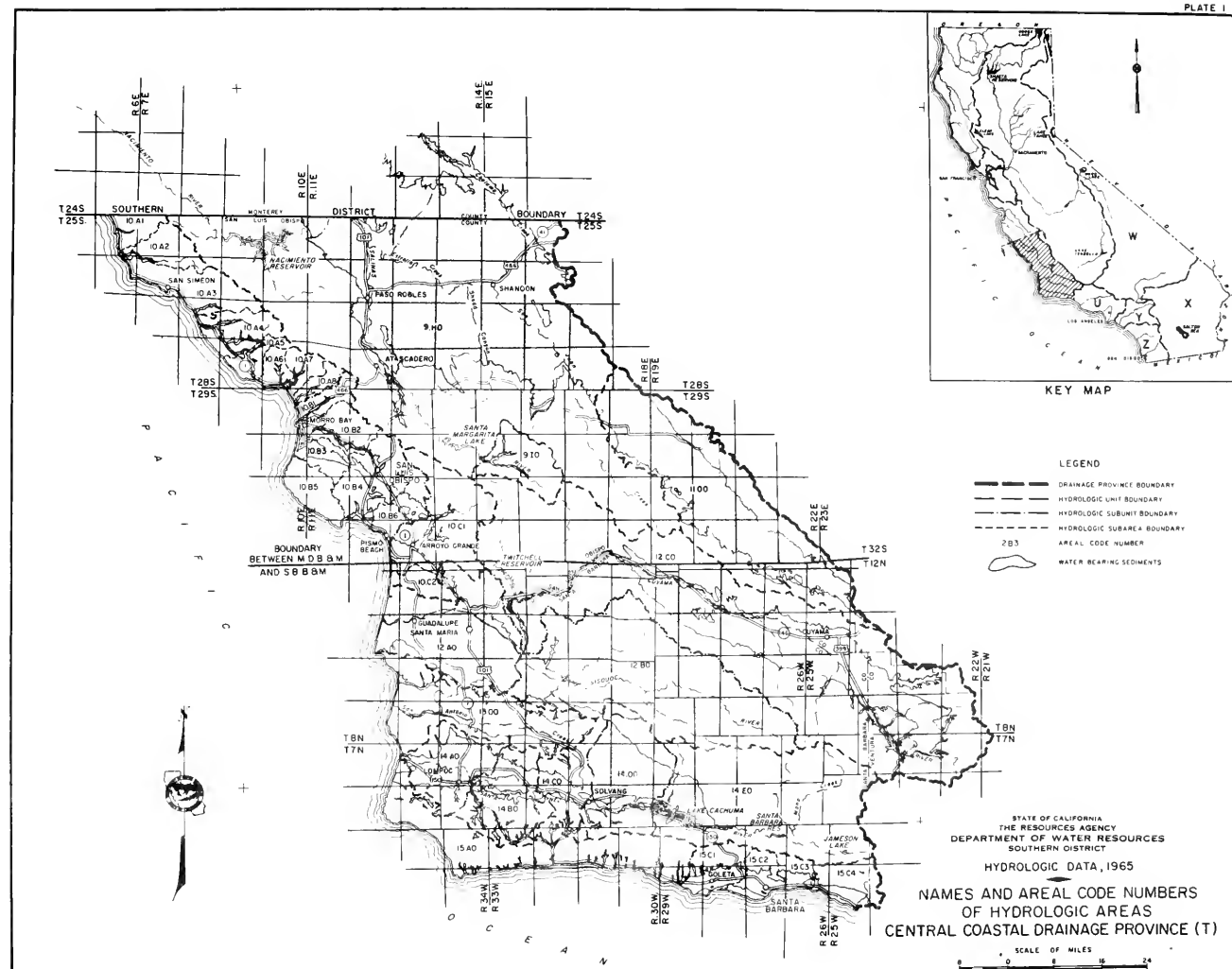
NAMES AND AREAL CODE NUMBERS
 OF HYDROLOGIC AREAS
 CENTRAL COASTAL DRAINAGE PROVINCE (T)



AREAL DESIGNATIONS
HYDROLOGIC UNITS, SUBUNITS AND SUBAREAS

CENTRAL COASTAL UPLIFTS AND MOUNTAINS

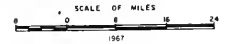
- T-09A00 SALINAS HYDRO UNIT
- T-09A01 PASO ROBLES HYDRO SUBUNIT
- T-09A02 MOJO HYDRO SUBUNIT
- T-10A00 SAN LUIS OBISPO HYDRO UNIT
- T-10A01 CAMBRIA HYDRO SUBUNIT
- T-10A02 SAN CAROLINO HYDRO SUBAREA
- T-10A03 ARROYO DE LA CRUZ HYDRO SUBAREA
- T-10A04 SAN SIMON HYDRO SUBAREA
- T-10A05 SANTA ROSA HYDRO SUBAREA
- T-10A06 VILLALBA HYDRO SUBAREA
- T-10A07 CAYUCO HYDRO SUBAREA
- T-10A08 OJOS HYDRO SUBAREA
- T-10A09 TRINO HYDRO SUBAREA
- T-10A10 SAN LUIS OBIPO HYDRO SUBUNIT
- T-10A11 MONROE HYDRO SUBAREA
- T-10A12 CARMONA HYDRO SUBAREA
- T-10A13 LIZ OSGUS HYDRO SUBAREA
- T-10A14 SAN LUIS OBISPO CH. HYDRO SUBAREA
- T-10A15 PISMO HYDRO SUBAREA
- T-10A16 PISMO HYDRO SUBAREA
- T-10A17 ARROYO GRANDE HYDRO SUBUNIT
- T-10A18 ARROYO GRANDE HYDRO SUBAREA
- T-10A19 NIPOMO PESA HYDRO SUBAREA
- T-10A20 CARMONA PLAIN HYDRO UNIT
- T-11A00 SANTA ANITA HYDRO UNIT
- T-11A01 SANTA ANITA HYDRO SUBUNIT
- T-11A02 STOKES HYDRO SUBUNIT
- T-11A03 COPPER VALLEY HYDRO SUBUNIT
- T-12A00 SAN ANTONIO HYDRO UNIT
- T-12A01 SANTA YNEZ HYDRO UNIT
- T-12A02 LUMBO HYDRO SUBUNIT
- T-12A03 SANTA RITA HYDRO SUBUNIT
- T-12A04 GULLYTON HYDRO SUBUNIT
- T-12A05 SANTA YNEZ HYDRO SUBUNIT
- T-12A06 MESAQUERA HYDRO SUBUNIT
- T-13A00 SANTA BARBARA HYDRO UNIT
- T-13A01 ANGELES HYDRO SUBUNIT
- T-13A02 SOUTHERN COAST HYDRO SUBUNIT
- T-13A03 SANTA BARBARA HYDRO SUBAREA
- T-13A04 MONTECITO HYDRO SUBAREA
- T-13A05 CARPINTERIA HYDRO SUBAREA
- T-14A00 SANTA BARBARA CH. HYDRO UNIT
- T-14A01 SAN MIGUEL ISLAND HYDRO SUBUNIT
- T-14A02 SANTA ROSA ISLAND HYDRO SUBUNIT
- T-14A03 SANTA LUCIA ISLAND HYDRO SUBUNIT

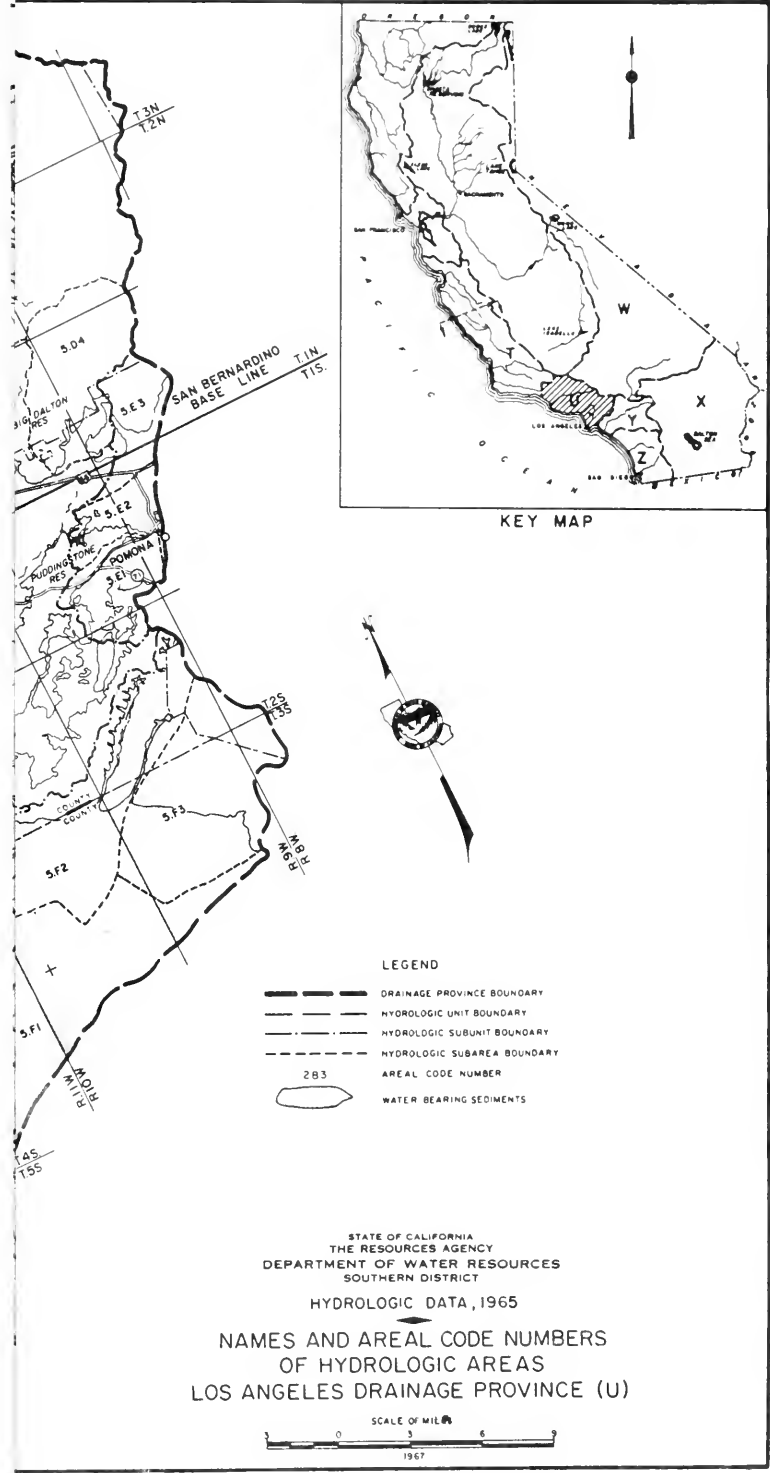


LEGEND

- DRAINAGE PROVINCE BOUNDARY
- HYDROLOGIC UNIT BOUNDARY
- HYDROLOGIC SUBUNIT BOUNDARY
- HYDROLOGIC SUBAREA BOUNDARY
- 2B3 AREAL CODE NUMBER
- WATER BEARING SEDIMENTS

STATE OF CALIFORNIA
 THE RESOURCES AGENCY
 DEPARTMENT OF WATER RESOURCES
 SOUTHERN DISTRICT
 HYDROLOGIC DATA, 1965
**NAMES AND AREAL CODE NUMBERS
 OF HYDROLOGIC AREAS
 CENTRAL COASTAL DRAINAGE PROVINCE (T)**



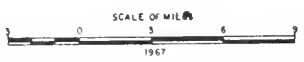


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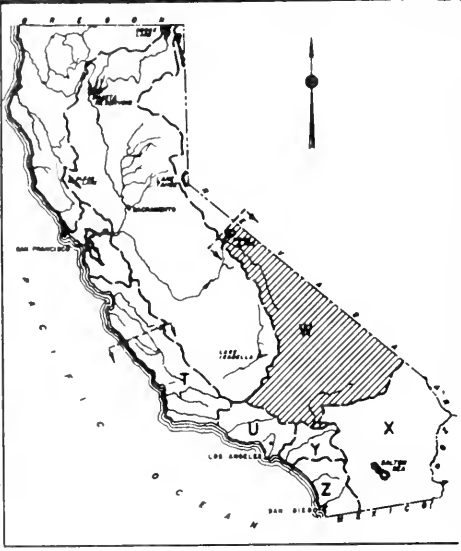
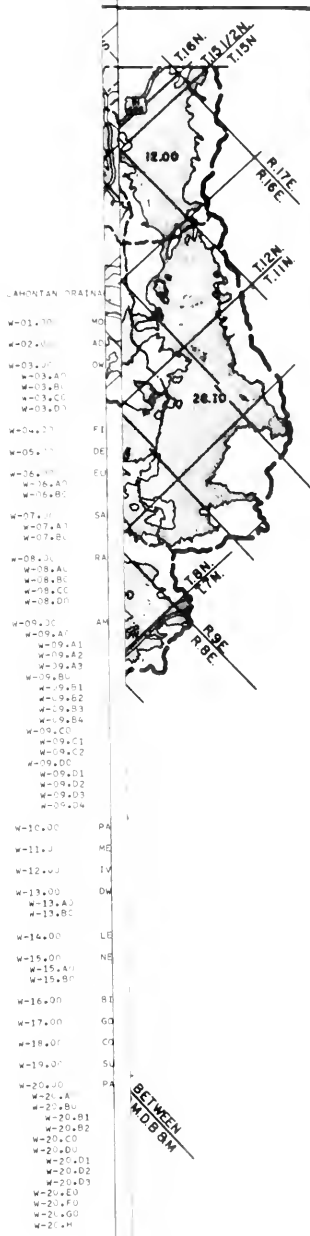
STATE OF CALIFORNIA
 THE RESOURCES AGENCY
 DEPARTMENT OF WATER RESOURCES
 SOUTHERN DISTRICT

HYDROLOGIC DATA, 1965

NAMES AND AREAL CODE NUMBERS
 OF HYDROLOGIC AREAS
 LOS ANGELES DRAINAGE PROVINCE (U)



1967



KEY MAP

- LAHONTAN DRAINAGE
- W-01+00 MO
 - W-02+00 AO
 - W-03+00 OW
 - W-03+01
 - W-03+02
 - W-03+03
 - W-03+04
 - W-04+00 FI
 - W-05+00 DE
 - W-06+00 EL
 - W-06+01
 - W-06+02
 - W-07+00 SA
 - W-07+01
 - W-07+02
 - W-08+00 RA
 - W-08+01
 - W-08+02
 - W-08+03
 - W-08+04
 - W-09+00 AH
 - W-09+01
 - W-09+02
 - W-09+03
 - W-09+04
 - W-10+00 PA
 - W-11+00 ME
 - W-12+00 IV
 - W-13+00 DM
 - W-13+01
 - W-13+02
 - W-14+00 LE
 - W-15+00 NS
 - W-15+01
 - W-15+02
 - W-16+00 BT
 - W-17+00 GO
 - W-18+00 CO
 - W-19+00 SU
 - W-20+00 PA
 - W-20+01
 - W-20+02
 - W-20+03
 - W-20+04
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 - W-20+41
 - W-20+42
 - W-20+43
 - W-20+44
 - W-20+45
 - W-20+46
 - W-20+47
 - W-20+48
 - W-20+49
 - W-20+50

BETWEEN
MDB DM

LEGEND

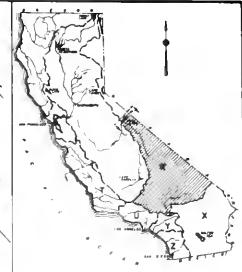
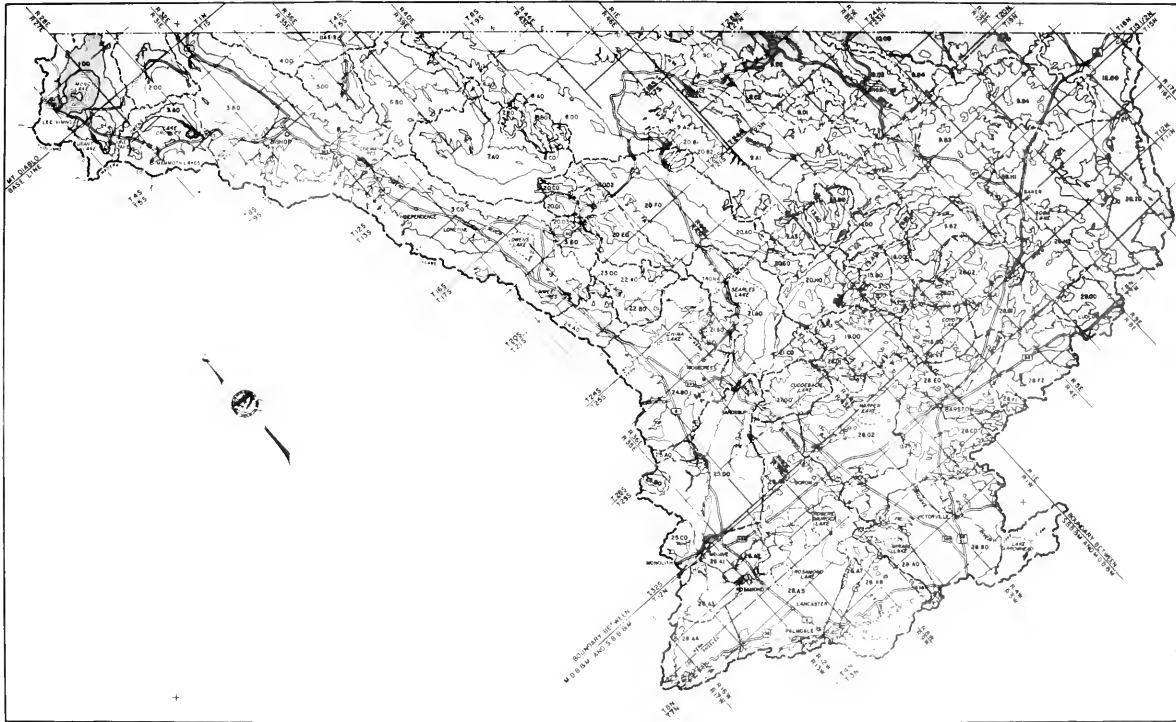
- DRAINAGE PROVINCE BOUNDARY
- HYDROLOGIC UNIT BOUNDARY
- HYDROLOGIC SUBUNIT BOUNDARY
- HYDROLOGIC SUBAREA BOUNDARY
- AREAL CODE NUMBER
- WATER BEARING SEDIMENTS

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
SOUTHERN DISTRICT

HYDROLOGIC DATA, 1965

NAMES AND AREAL CODE NUMBERS
OF HYDROLOGIC AREAS
LAHONTAN DRAINAGE PROVINCE (W)





KEY MAP

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES
SOUTHERN DISTRICT

HYDROLOGIC DATA, 1965

HYDROLOGIC UNIT	AREAL CODE NUMBER	AREAL CODE NUMBER
W101	1000	1000
W102	1001	1001
W103	1002	1002
W104	1003	1003
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W106	1005	1005
W107	1006	1006
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W197	1096	1096
W198	1097	1097
W199	1098	1098
W200	1099	1099

LEGEND

- DRAINAGE PROVINCE BOUNDARY
- HYDROLOGIC UNIT BOUNDARY
- HYDROLOGIC SUBUNIT BOUNDARY
- HYDROLOGIC SUBAREA BOUNDARY
- AREAL CODE NUMBER
- WATER BEARING SEDIMENTS

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
SOUTHERN DISTRICT

HYDROLOGIC DATA, 1965

NAMES AND AREAL CODE NUMBERS
OF HYDROLOGIC AREAS
LAHONTAN DRAINAGE PROVINCE (W)

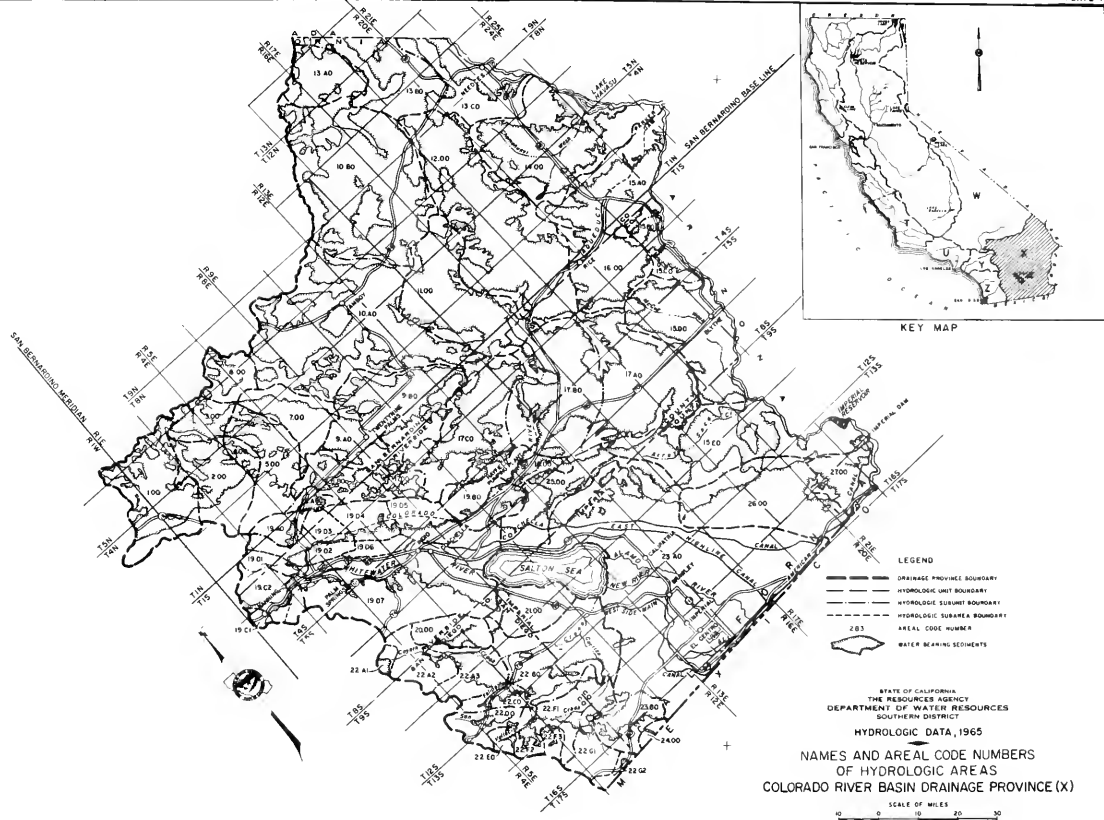
SCALE OF MILES
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AERIAL DESIGNATIONS
HYDROLOGIC UNITS, SUBUNITS AND SUBAREAS

COLORADO RIVER BASIN DRAINAGE PROVINCE

- #01000 LUCERNE HYDRO UNIT
- #02000 JOHNSON HYDRO UNIT
- #03000 BESSENER HYDRO UNIT
- #04000 HEARS HYDRO UNIT
- #05000 EMERSON HYDRO UNIT
- #06000 LAVIS HYDRO UNIT
- #07000 DEATHMAN HYDRO UNIT
- #08000 JOHNSA HILL HYDRO UNIT
- #09000 HOPPER HYDRO SUBUNIT
- #10000 JOHN MOUNTAIN HYDRO SUBUNIT
- #11000 DALE HYDRO UNIT
- #12000 SUTARTINE PLATEAU HYDRO SUBUNIT
- #13000 CALE HYDRO SUBUNIT
- #14000 BRISTOL HYDRO UNIT
- #15000 BRISTOL HYDRO SUBUNIT
- #16000 FINNER HYDRO SUBUNIT
- #17000 CADIZ HYDRO UNIT
- #18000 WARD HYDRO UNIT
- #19000 PIUTE HYDRO UNIT
- #20000 LAMAR HYDRO SUBUNIT
- #21000 PIUTE HYDRO SUBUNIT
- #22000 MEELEDS HYDRO SUBUNIT
- #23000 CHYNOWETH HYDRO UNIT
- #24000 COLORADO HYDRO UNIT
- #25000 VITAL HYDRO SUBUNIT
- #26000 BIG WASH HYDRO SUBUNIT
- #27000 OLIVEN SAND HYDRO SUBUNIT
- #28000 PRAD HYDRO SUBUNIT
- #29000 PRODD TELL HYDRO SUBUNIT
- #30000 RICE HYDRO UNIT
- #31000 CHOCOWALLA HYDRO UNIT
- #32000 FORD HYDRO SUBUNIT
- #33000 PALM HYDRO SUBUNIT
- #34000 PLANT HYDRO SUBUNIT
- #35000 TULARE HYDRO SUBUNIT
- #36000 HAYFIELD HYDRO UNIT
- #37000 WHITEWATER HYDRO UNIT
- #38000 MORGON HYDRO SUBUNIT
- #39000 SHARVER HYDRO SUBUNIT
- #40000 SAN JOSE HYDRO SUBUNIT
- #41000 SAN JOSE HYDRO SUBAREA
- #42000 SAN JOSE HYDRO SUBAREA
- #43000 CONCHILLA HYDRO SUBUNIT
- #44000 GARNET HILL HYDRO SUBAREA
- #45000 WILSON CREEK HYDRO SUBAREA
- #46000 WIPAC HILL HYDRO SUBAREA
- #47000 SAN VICENTE HYDRO SUBAREA
- #48000 PARDO CANYON HYDRO SUBAREA
- #49000 ENCINO PALM HYDRO SUBAREA
- #50000 INDO HYDRO SUBAREA
- #51000 CLARK HYDRO UNIT
- #52000 WEST SALTON SEA HYDRO UNIT
- #53000 NEAR BORDO HYDRO UNIT
- #54000 BORDO HYDRO SUBUNIT
- #55000 TEPIC HYDRO SUBAREA
- #56000 COLERA HYDRO SUBAREA
- #57000 BORDO HYDRO SUBAREA
- #58000 OCCIDENTAL D FELLE HYDRO SUBUNIT
- #59000 MELICH BARRAGE HYDRO SUBUNIT
- #60000 SAN FELIX HYDRO SUBUNIT
- #61000 MASON HYDRO SUBUNIT
- #62000 WALLETO-CAMAZO HYDRO SUBUNIT
- #63000 CAPEZO HYDRO SUBAREA
- #64000 WILCITO HYDRO SUBAREA
- #65000 CANDORAN HYDRO SUBAREA
- #66000 JACOMA HYDRO SUBUNIT
- #67000 NICAN HYDRO SUBAREA
- #68000 JACOMA HYDRO SUBAREA
- #69000 IMPERIAL HYDRO UNIT
- #70000 IMPERIAL HYDRO SUBUNIT
- #71000 CONITE MESA HYDRO SUBUNIT
- #72000 DAVIES HYDRO UNIT
- #73000 EAST SALTON SEA HYDRO UNIT
- #74000 KMS-OSTLEY HYDRO UNIT
- #75000 HUMA HYDRO UNIT



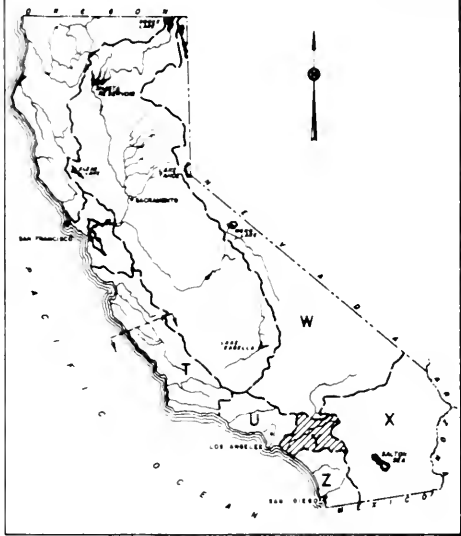
- LEGEND
- DRAINAGE PROVINCE BOUNDARY
 - HYDROLOGIC UNIT BOUNDARY
 - HYDROLOGIC SUBUNIT BOUNDARY
 - HYDROLOGIC SUBAREA BOUNDARY
 - 203 AREAL CODE NUMBER
 - WATER BEARING COEFFICIENTS

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
SOUTHERN DISTRICT

HYDROLOGIC DATA, 1965

NAMES AND AREAL CODE NUMBERS
OF HYDROLOGIC AREAS
COLORADO RIVER BASIN DRAINAGE PROVINCE (X)











KEY MAP

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LEGEND

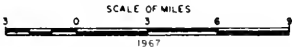
-  DRAINAGE PROVINCE BOUNDARY
-  HYDROLOGIC UNIT BOUNDARY
-  HYDROLOGIC SUBUNIT BOUNDARY
-  HYDROLOGIC SUBAREA BOUNDARY
-  AREAL CODE NUMBER
-  WATER BEARING SEGMENTS

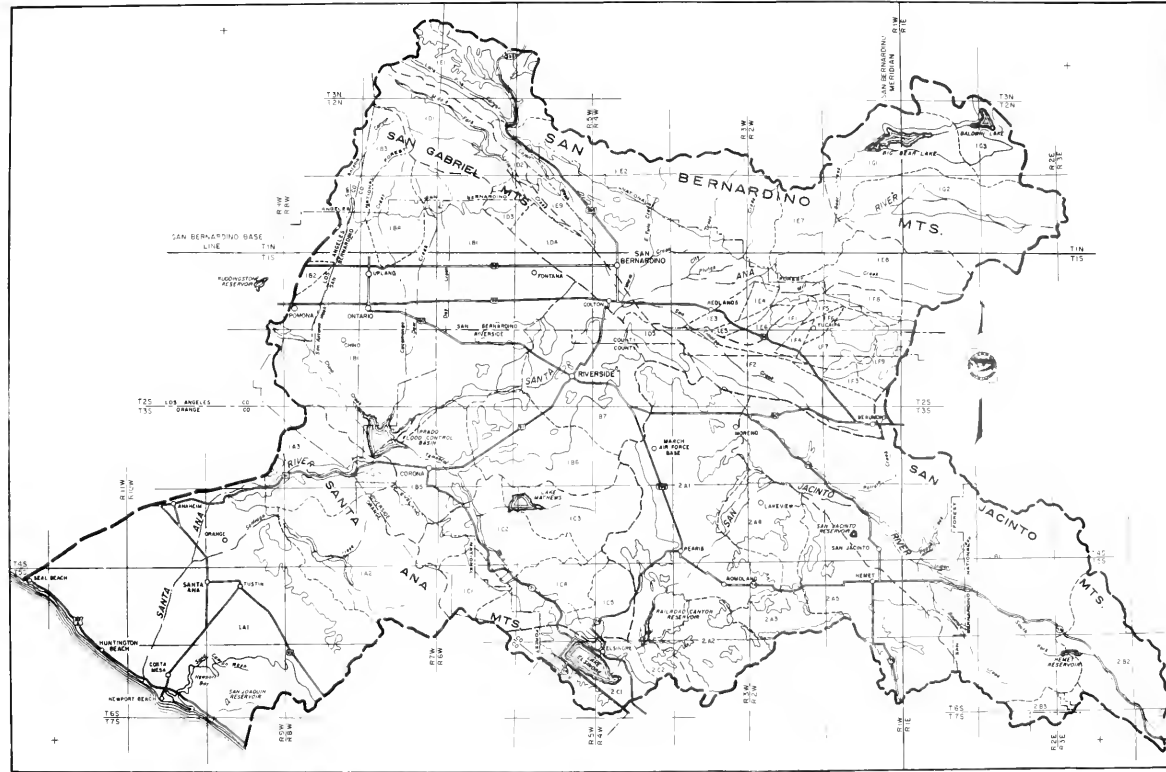


STATE OF CALIFORNIA
 THE RESOURCES AGENCY
 DEPARTMENT OF WATER RESOURCES
 SOUTHERN DISTRICT

HYDROLOGIC DATA, 1965

NAMES AND AREAL CODE NUMBERS
 OF HYDROLOGIC AREAS
 SANTA ANA DRAINAGE PROVINCE (Y)





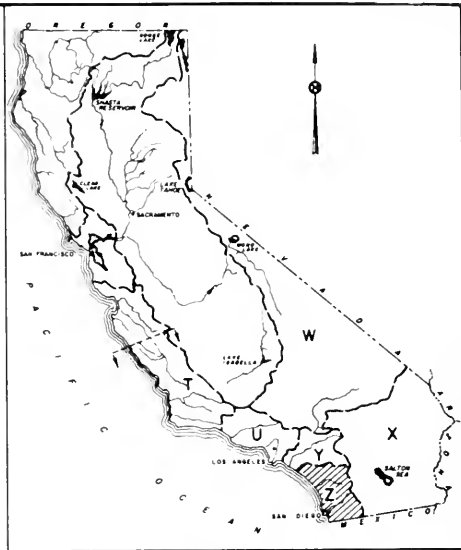
KEY MAP

- LEGEND
- DRAINAGE PROVINCE BOUNDARY
 - HYDROLOGIC UNIT BOUNDARY
 - HYDROLOGIC SUBUNIT BOUNDARY
 - HYDROLOGIC SUBAREA BOUNDARY
 - 281 AREAL CODE NUMBER
 - WATER BEAR NUMBER

STATE OF CALIFORNIA
 THE RESOURCES AGENCY
 DEPARTMENT OF WATER RESOURCES
 SOUTHERN DISTRICT
 HYDROLOGIC DATA, 1965
**NAMES AND AREAL CODE NUMBERS
 OF HYDROLOGIC AREAS
 SANTA ANA DRAINAGE PROVINCE (Y)**
 SCALE OF MILES
 0 100
 MILES

CAN. LIEBOW DRAINAGE PROVINCE

- Z-0140 SAN JUAN HYDRO UNIT
- Z-0141 LAGUNA HYDRO SUBUNIT
- Z-0142 SAN JACUIN HYDRO SUBAREA
- Z-0143 LAGUNA HYDRO SUBAREA
- Z-0144 ALISO HYDRO SUBAREA
- Z-0145 PALM POINT HYDRO SUBAREA
- Z-0146 SAN JUAN HYDRO SUBUNIT
- Z-0147 KAN CLEMENTE HYDRO SUBUNIT
- Z-0148 SAN MATEO HYDRO SUBUNIT
- Z-0149 SAN MATEO HYDRO SUBUNIT
- Z-0150 SAN JUAN DE LOS RIOS HYDRO SUBAREA
- Z-0151 SAN JUAN DE LOS RIOS HYDRO SUBAREA
- Z-0152 SAN JUAN DE LOS RIOS HYDRO SUBAREA
- Z-0153 SANTA MARGARITA HYDRO UNIT
- Z-0154 VICTORIA HYDRO SUBAREA
- Z-0155 VICTORIA HYDRO SUBAREA
- Z-0156 CHAPPA HYDRO SUBAREA
- Z-0157 UPPER VICTORIA HYDRO SUBAREA
- Z-0158 DE LUJ HYDRO SUBUNIT
- Z-0159 DE LUJ HYDRO SUBAREA
- Z-0160 VALLECITOS HYDRO SUBAREA
- Z-0161 MARIETA HYDRO SUBUNIT
- Z-0162 MARIETA HYDRO SUBAREA
- Z-0163 MARIETA HYDRO SUBAREA
- Z-0164 FRENCH HYDRO SUBAREA
- Z-0165 LOWER DOMENIGONI HYDRO SUBAREA
- Z-0166 DOMENIGONI HYDRO SUBAREA
- Z-0167 DIAMOND HYDRO SUBAREA
- Z-0168 ALD HYDRO SUBUNIT
- Z-0169 ALD HYDRO SUBAREA
- Z-0170 GERTRUDIS HYDRO SUBAREA
- Z-0171 LOWER TUCULCATE HYDRO SUBAREA
- Z-0172 TUCULCATE HYDRO SUBAREA
- Z-0173 PECHANYA HYDRO SUBUNIT
- Z-0174 PAUBA HYDRO SUBAREA
- Z-0175 PECHANYA HYDRO SUBAREA
- Z-0176 WILSON HYDRO SUBUNIT
- Z-0177 LANCASTER VALLEY HYDRO SUBAREA
- Z-0178 LEWIS HYDRO SUBAREA
- Z-0179 WILSON HYDRO SUBAREA
- Z-0180 ANZA HYDRO SUBUNIT
- Z-0181 LOWER COAHUILA HYDRO SUBAREA
- Z-0182 UPPER COAHUILA HYDRO SUBAREA
- Z-0183 ANZA HYDRO SUBAREA
- Z-0184 BIRNIT HYDRO SUBAREA
- Z-0185 ASUNCA HYDRO SUBUNIT
- Z-0186 VILL HYDRO SUBAREA
- Z-0187 DEVILS HOLE HYDRO SUBAREA
- Z-0188 DEPEC HYDRO SUBAREA
- Z-0189 JOHNS VALLEY HYDRO SUBAREA
- Z-0190 TACKRICE HYDRO SUBUNIT
- Z-0191 LOWER CULP HYDRO SUBAREA
- Z-0192 TACKRICE HYDRO SUBAREA
- Z-0193 DODGE HYDRO SUBAREA
- Z-0194 MICHUAMIA HYDRO SUBAREA
- Z-0195 SAN LUIS REY HYDRO UNIT
- Z-0196 BONFALL HYDRO SUBUNIT
- Z-0197 MISTON HYDRO SUBAREA
- Z-0198 BONFALL HYDRO SUBAREA
- Z-0199 HYDRA HYDRO SUBAREA
- Z-0200 VALLEY CENTER HYDRO SUBAREA
- Z-0201 STODS HYDRO SUBAREA
- Z-0202 PINCON HYDRO SUBAREA
- Z-0203 MONSERATE HYDRO SUBUNIT
- Z-0204 PALMA HYDRO SUBAREA
- Z-0205 PALMA HYDRO SUBAREA
- Z-0206 SAN LUIS REY HYDRO SUBAREA
- Z-0207 WARDER HYDRO SUBUNIT
- Z-0208 WARNER HYDRO SUBAREA
- Z-0209 WMS HYDRO SUBAREA
- Z-0210 CARLEBAD HYDRO UNIT
- Z-0211 LOWER ALTA HYDRO SUBUNIT
- Z-0212 VISTA HYDRO SUBUNIT
- Z-0213 CERRI SEAL HYDRO SUBAREA
- Z-0214 VISTA HYDRO SUBAREA
- Z-0215 AGUA NEUTRAL HYDRO SUBUNIT
- Z-0216 AGUA NEUTRAL HYDRO SUBAREA
- Z-0217 BIRVA HYDRO SUBAREA
- Z-0218 ENDOGIA HYDRO SUBUNIT
- Z-0219 SAN MARCEL HYDRO SUBUNIT
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- Z-0221 SAN MARCEL HYDRO SUBAREA
- Z-0222 TWIN JAKI HYDRO SUBAREA
- Z-0223 KERNITE HYDRO SUBUNIT
- Z-0224 SAN FELIX HYDRO SUBAREA
- Z-0225 KERNITE HYDRO SUBAREA
- Z-0226 KERNITE HYDRO SUBAREA
- Z-0227 SAN DIEGO HYDRO UNIT
- Z-0228 SAN DIEGO HYDRO SUBUNIT
- Z-0229 LA JOLLA HYDRO SUBAREA
- Z-0230 MIDGE HYDRO SUBUNIT
- Z-0231 GREEN HYDRO SUBAREA
- Z-0232 FELICITA HYDRO SUBAREA
- Z-0233 BEAD HYDRO SUBAREA
- Z-0234 SAN PASQUAL HYDRO SUBUNIT
- Z-0235 HIGHLAND HYDRO SUBAREA
- Z-0236 SAN PASQUAL HYDRO SUBAREA
- Z-0237 DECO HYDRO SUBAREA
- Z-0238 MITHEN HYDRO SUBAREA
- Z-0239 LEJITO HYDRO SUBAREA
- Z-0240 VINTAGE HYDRO SUBAREA
- Z-0241 RAYE MARIE VALLEY HYDRO SUBUNIT
- Z-0242 DAMONA HYDRO SUBAREA
- Z-0243 RAYE MARIE VALLEY HYDRO SUBAREA
- Z-0244 WARDER HYDRO SUBAREA
- Z-0245 HALLENA HYDRO SUBAREA
- Z-0246 EAST SANTA TERESA HYDRO SUBUNIT
- Z-0247 WEST SANTA TERESA HYDRO SUBUNIT
- Z-0248 SANTA YSABEL HYDRO SUBUNIT
- Z-0249 HUBER HYDRO SUBAREA
- Z-0250 PALM HYDRO SUBAREA
- Z-0251 K. THELANE HYDRO SUBAREA
- Z-0252 SANTA YSABEL HYDRO SUBAREA



KEY MAP

LEGEND

- DRAINAGE PROVINCE BOUNDARY
- HYDROLOGIC UNIT BOUNDARY
- HYDROLOGIC SUBUNIT BOUNDARY
- HYDROLOGIC SUBAREA BOUNDARY
- AREAL CODE NUMBER
- WATER BEARING SEDIMENTS

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
SOUTHERN DISTRICT

HYDROLOGIC DATA, 1965

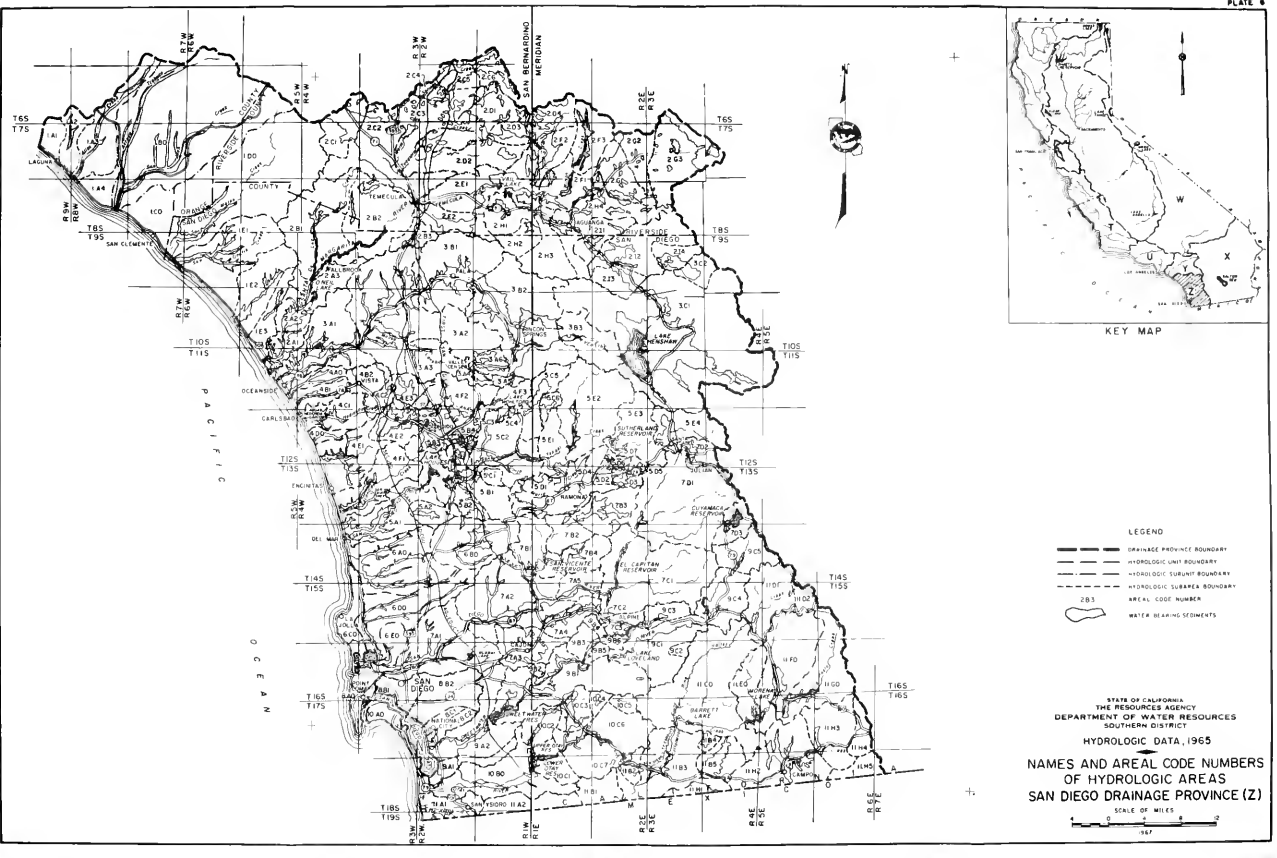
**NAMES AND AREAL CODE NUMBERS
OF HYDROLOGIC AREAS
SAN DIEGO DRAINAGE PROVINCE (Z)**





AREAL DESIGNATIONS
HYDROLOGIC UNITS, SUBUNITS AND SUBAREAS

- San Diego Drainage Province
- 2-0100 SAN JUAN MOUNTAIN UNIT
 - 2-0101 LAJUN MOUNTAIN SUBUNIT
 - 2-0102 SAN JUAN MOUNTAIN SUBAREA
 - 2-0103 LAJUN MOUNTAIN SUBAREA
 - 2-0104 SAN JUAN MOUNTAIN SUBAREA
 - 2-0105 SAN JUAN MOUNTAIN SUBAREA
 - 2-0106 SAN JUAN MOUNTAIN SUBAREA
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 - 2-0115 SAN JUAN MOUNTAIN SUBAREA
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 - 2-0123 SAN JUAN MOUNTAIN SUBAREA
 - 2-0124 SAN JUAN MOUNTAIN SUBAREA
 - 2-0125 SAN JUAN MOUNTAIN SUBAREA
 - 2-0126 SAN JUAN MOUNTAIN SUBAREA
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 - 2-0171 SAN JUAN MOUNTAIN SUBAREA
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 - 2-0198 SAN JUAN MOUNTAIN SUBAREA
 - 2-0199 SAN JUAN MOUNTAIN SUBAREA
 - 2-0200 SAN JUAN MOUNTAIN SUBAREA



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HYDROLOGIC DATA, 1965

NAMES AND AREAL CODE NUMBERS
 OF HYDROLOGIC AREAS
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SCALE OF MILES
 0 1 2 3 4 5 6 7 8 9 10





LEGEND

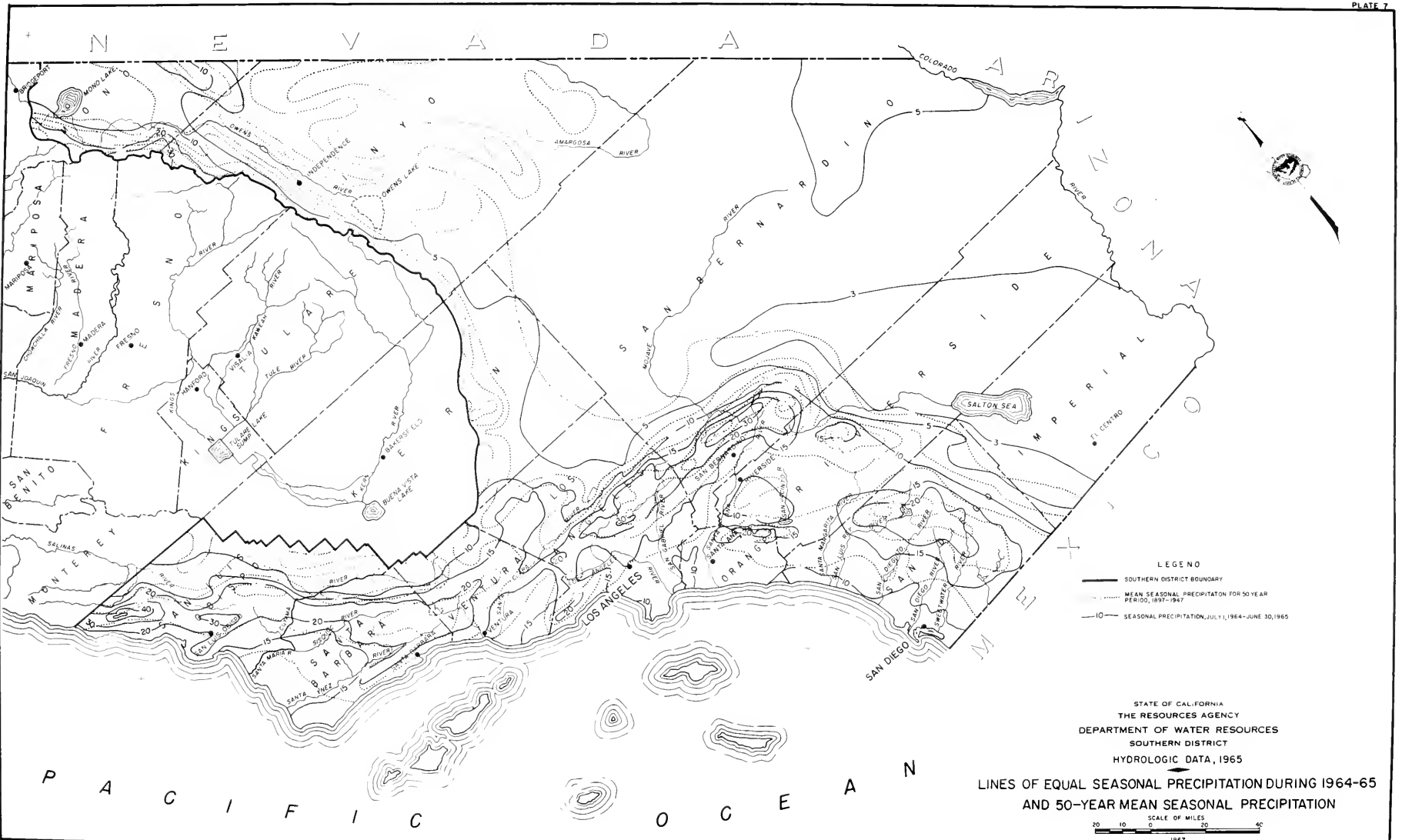
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- MEAN SEASONAL PRECIPITATION FOR 50 YEAR PERIOD, 1897-1947
- - - - SEASONAL PRECIPITATION, JULY 1, 1964 - JUNE 30, 1965

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ANNUAL SEASONAL PRECIPITATION DURING 1964-65
 50-YEAR MEAN SEASONAL PRECIPITATION



1967



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- SOUTHERN DISTRICT BOUNDARY
- MEAN SEASONAL PRECIPITATION FOR 50 YEAR PERIOD, 1897-1947
- 10 — SEASONAL PRECIPITATION, JULY 1, 1964-JUNE 30, 1965

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 SOUTHERN DISTRICT
 HYDROLOGIC DATA, 1965

LINES OF EQUAL SEASONAL PRECIPITATION DURING 1964-65
 AND 50-YEAR MEAN SEASONAL PRECIPITATION

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